

Print selected from 10599388.trn

L1 STRUCTURE UPLOADED

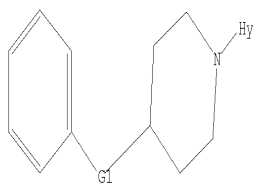
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



GI 0,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 18:47:40 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7749 TO ITERATE

25.8% PROCESSED 2000 ITERATIONS 12 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 149703 TO 160257  
PROJECTED ANSWERS: 520 TO 1338

L3 12 SEA SSS SAM L1

=> d scan

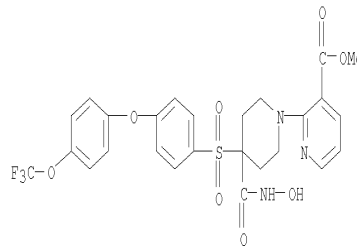
L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[(4-(trifluoromethoxy)phenoxy)phenyl)sulfonyl]-1-piperidinyl]-, methyl ester

MF C26 H24 F3 N3 O8 S

CI COM

Print selected from 10599388.trn



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

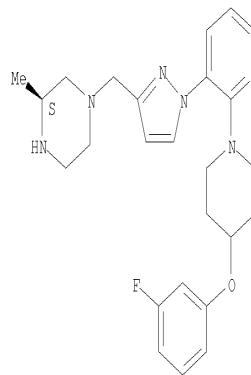
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl)methyl]-3-methyl-, (3S)-

MF C25 H31 F N6 O

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

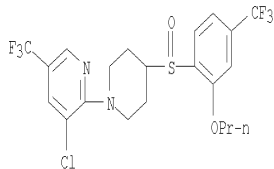
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Pyridine, 3-chloro-2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl)sulfinyl]-1-

Print selected from 10599388.trn

piperidinyl]-5-(trifluoromethyl)-  
MF C21 H21 Cl F6 N2 O2 S

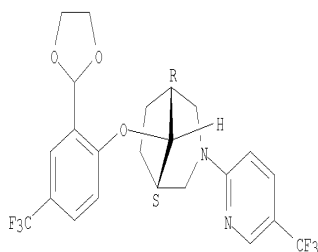


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 3-Azabicyclo[3.2.1]octane, 8-[2-(1,3-dioxolan-2-yl)-4-(  
(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
MF C23 H22 F6 N2 O3

Relative stereochemistry.



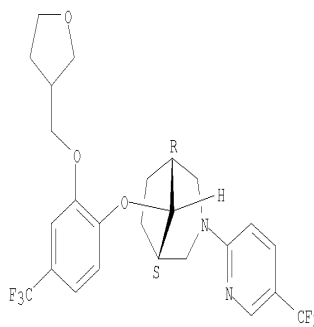
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-3-furanyl)methoxy]-4-(  
(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
MF C25 H26 F6 N2 O3

Print selected from 10599388.trn

Relative stereochemistry.

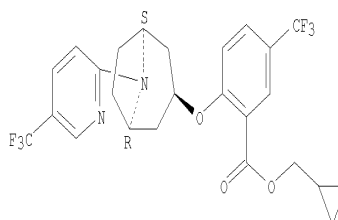


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-  
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropylmethyl ester  
MF C25 H24 F6 N2 O3

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

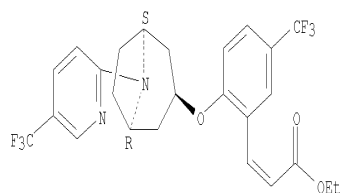
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

Print selected from 10599388.trn

IN 2-Propenoic acid, 3-[5-(trifluoromethyl)-2-[[3-(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, ethyl ester  
MF C25 H24 F6 N2 O3

Relative stereochemistry.  
Double bond geometry unknown.

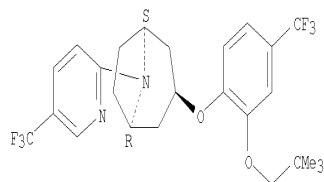


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
MF C25 H28 F6 N2 O2

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

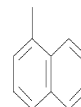
L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Pyridine, 2-[4-[4-(1-naphthalenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-  
MF C28 H25 F3 N2 O2

Print selected from 10599388.trn

PAGE 1-A



PAGE 2-A

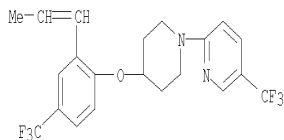


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Pyridine, 2-[4-[2-(1-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI)  
MF C21 H20 F6 N2 O

Print selected from 10599388.trn

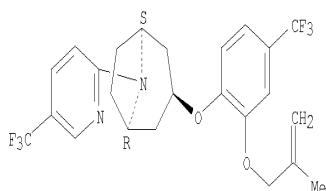


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI)  
MF C24 H24 F6 N2 O2

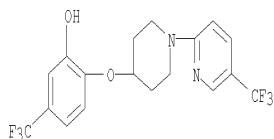
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 12 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-  
MF C18 H16 F6 N2 O2



Print selected from 10599388.trn

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008

L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1

=> s l1 full  
FULL SEARCH INITIATED 18:48:27 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 154963 TO ITERATE

100.0% PROCESSED 154963 ITERATIONS 672 ANSWERS  
SEARCH TIME: 00.00.02

L4 672 SEA SSS FUL L1

=> file caplus  
FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11  
FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l4  
L5 38 L4

=> d cbib abs hitstr 1-38

Print selected from 10599388.trn

L5 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
2007:1086827 Document No. 147:385848 Trifluoroacetyl-substituted heterocycles as histone deacetylase inhibitors, their preparation, pharmaceutical compositions, and use in therapy. Jones, Philip; Ontoria Ontoria, Jesus Maria; Schultz-Pademrecht, Carsten (Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A., Italy). PCT Int. Appl. WO 2007107594 A2 20070927, 44pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, MT, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-EP52712 20070321. PRIORITY: GB 2006-5573 20060321.

GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The invention relates to trifluoroacetyl-substituted heterocycles of formula I, which are inhibitors of histone deacetylase (HDAC), particularly class II HDAC. In compds. I, each of X, Y, and Z is independently selected from N and CH; and each of R1 and R2 is independently selected from H, C2-6 alkenyl, C2-6 alkynyl, C3-8 cycloalkyl, C6-10 aryl, C6-10 aryl-C1-6 alkyl, C6-10 aryl-C1-6 alkoxy, 5- to 10-membered heterocyclyl, and 5- to 10-membered heteroaryl, or R1 and R2, together with the nitrogen atom to which they are attached, form (un)substituted 4- to 7-membered heterocyclyl; including salts and tautomers thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I and a pharmaceutically acceptable carrier, as well as to the use of the compns. for the treatment of conditions that respond to histone deacetylase inhibition, such as cellular proliferative diseases, neurodegenerative diseases, schizophrenia, and stroke. Addition of (trifluoromethyl)trimethylsilane to 6-fluoro-3-pyridinecarboxaldehyde followed by oxidation formed ketone II, which underwent substitution with 4-phenylpiperidin-4-ol to give the trifluoroacetate salt of (trifluoroacetyl)pyridine III. The compds. of the invention, e.g., III, expressed IC50 values of less than 10 µM in the assays used (no specific data).

IT 950687-78-2P, 5-(Trifluoroacetyl)-2-[4-[4-(trifluoromethyl)phenoxy]piperidin-1-yl]pyridine trifluoroacetate  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(drug candidate; preparation of trifluoroacetyl-substituted heterocycles as histone deacetylase inhibitors)

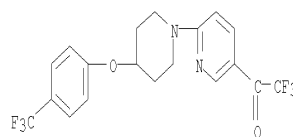
RN 950687-78-2 CAPLUS

CN Ethanone, 2,2,2-trifluoro-1-[6-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

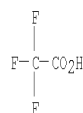
Print selected from 10599388.trn

CRN 950687-77-1  
CMF C19 H16 F6 N2 O2



CM 2

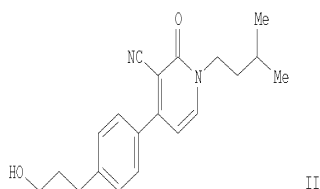
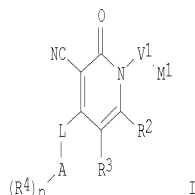
CRN 76-05-1  
CMF C2 H F3 O2



L5 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
2007:1061003 Document No. 147:385843 1,4-Disubstituted 3-cyanopyridone derivatives and their use as positive allosteric modulators of mGlu2-receptors and their preparation. Imogai, Hassan Julien; Cid-Nunez, Jose Maria; Andres-Gil, Jose Ignacio; Trabanco-Suarez, Andres Avelino; Oyarzabal Santamarina, Julien; Dautzenberg, Frank Matthias; Macdonald, Gregor James; Pullan, Shirley Elizabeth; Luetjens, Robert Johannes; Duvey, Guillaume Albert Jacques; Nhem, Vanthea; Finn, Terry Patrick; Melikyan, Gagik (Janssen Pharmaceutica N.V., Belg.; Addex Pharmaceuticals S.A.). PCT Int. Appl. WO 2007104783 A2 20070920, 180pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, MT, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-EP52442 20070315. PRIORITY: EP 2006-111215 20060315; EP 2007-103654 20070307.

GI

Print selected from 10599388.trn



AB The invention relates to compds., in particular pyridinone derivs. according to formula I wherein all radicals are defined in the application and claims. Compds. of formula I wherein V1 is a covalent bond and bivalent (un)saturated (un)branched C1-6 hydrocarbon radical; M1 is H, C3-7 cycloalkyl, aryl, alkylcarbonyl, alkyloxy, aryloxy, arylcarbonyl, etc.; L is a covalent bond, O, OCH2, OCH2CH2, OCH2CH2O, OCH2CH2OCH2, S, NH and derivs., etc.; R2 and R3 are independently H, halo and alkyl; A is (un)substituted Ph, (un)substituted piperazinyl, (un)substituted piperidinyl, (un)substituted thienyl, (un)substituted furanyl, etc.; R4 is halo, CN, OH, oxo, formyl, ethanoyl, carboxyl, NO2, etc.; n is 0, 1, 2, and 3; and their pharmaceutically acceptable acid and addition base salts, stereochem. isomeric forms, N-oxides, and quaternary ammonium salts thereof, are claimed. The compds. according to the invention are pos. allosteric modulators of metabotropic receptors - sub-type 2 ("mGluR2") which are useful for the treatment or prevention of neurol. and psychiatric disorders associated with glutamate dysfunction and diseases in which the mGluR2 subtype of metabotropic receptors is involved. In particular, such diseases are central nervous system disorders selected from the group of anxiety, schizophrenia, migraine, depression, and epilepsy. The invention is also directed to pharmaceutical compns. and processes to prepare such compds. and compns., as well as to the use of such compds. for the prevention and treatment of such diseases in which mGluR2 is involved. Example compound II was prepared by a general procedure (procedure given). All the invention compds. were evaluated for their mGlu-2 receptor modulatory activity. From the assay, it was determined that compound II exhibited a pEC50 value of 6.2.

IT 950200-27-8P 950200-34-7P 950200-35-8P  
950200-37-0P 950200-61-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

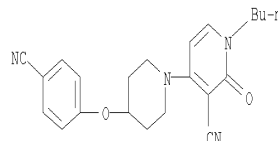
(drug candidate; preparation of cyano-pyridinone derivs. as pos. allosteric modulators of mGluR2 receptors useful in treatment and prevention of

Print selected from 10599388.trn

diseases associated with mGluR2 receptors)

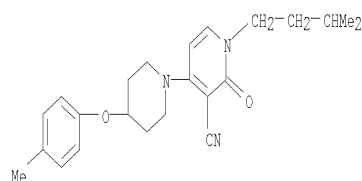
RN 950200-27-8 CAPLUS

CN 3-Pyridinecarbonitrile, 1-butyl-4-[4-(4-cyanophenoxy)-1-piperidinyl]-1,2-dihydro-2-oxo- (CA INDEX NAME)



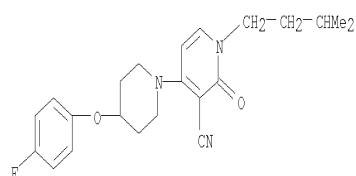
RN 950200-34-7 CAPLUS

CN 3-Pyridinecarbonitrile, 1,2-dihydro-1-(3-methylbutyl)-4-[4-(4-methylphenoxy)-1-piperidinyl]-2-oxo- (CA INDEX NAME)



RN 950200-35-8 CAPLUS

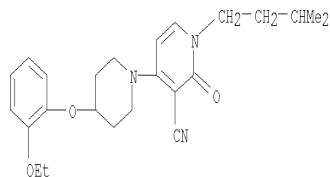
CN 3-Pyridinecarbonitrile, 4-[4-(4-fluorophenoxy)-1-piperidinyl]-1,2-dihydro-1-(3-methylbutyl)-2-oxo- (CA INDEX NAME)



RN 950200-37-0 CAPLUS

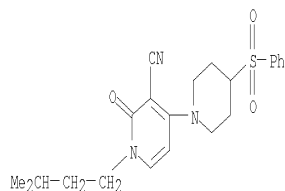
CN 3-Pyridinecarbonitrile, 4-[4-(2-ethoxyphenoxy)-1-piperidinyl]-1,2-dihydro-1-(3-methylbutyl)-2-oxo- (CA INDEX NAME)

Print selected from 10599388.trn



RN 950200-61-0 CAPLUS

CN 3-Pyridinecarbonitrile, 1,2-dihydro-1-(3-methylbutyl)-2-oxo-4-[4-(phenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)

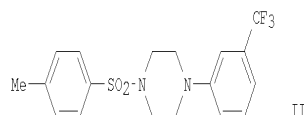
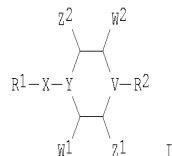


L5 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:906246 Document No. 147:277637 Sulfonylated piperidine and piperazine derivatives as 11- $\beta$ HSD1 inhibitors and their preparation, pharmaceutical compositions and use in the treatment of diseases. Xiang, Jason Shaoyun; Saiah, Eddine; Tam, Steve Y.; Mckew, John C.; Chen, Lihren; Ipek, Manus; Lee, Katherine; Li, Huan-Qui; Li, Jianchang; Li, Wei; Mansour, Tarek Suhayl; Suri, Vipin; Vargas, Richard; Wu, Yuchuan; Wan, Zhao-Kui; Lee, Jinbo; Binnun, Eva; Wilson, Douglas P. (Wyeth, John, and Brother Ltd., USA). PCT Int. Appl. WO 2007092435 A2 20070816, 277pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2007-US3134 20070207. PRIORITY: US 2006-771262P 20060207.

GI

Print selected from 10599388.trn



AB This invention relates to compds. of formula I that inhibit 11 $\beta$ HSD1. Compds. of formula I wherein R1 is (un)substituted C6-18 (hetero)aryl, (un)substituted C7-20 aralkyl, (un)substituted 6- to 20-membered heteroaralkyl, (un)substituted 8- to 20-membered arylheterocyclyl, (un)substituted 8- to 20-membered aryl(hetero)cycloalkenyl; R2 is (un)substituted C1-18 aryl and (un)substituted 5- to 20-membered heteroaryl; X is SO, SO2, SONH and derivs. and SO2NH and derivs.; V and Y are independently N, CH, C-C1-12 alkyl, provided that Y and V cannot both be CH and C-C1-12 alkyl; W1, Z1, W2 and Z2 are independently C1-12 alkyl, oxo, (un)substituted C6-18 aryl, (un)substituted 5- to 20-membered heteroaryl, C7-20 aralkyl, C3-16 cycloalkyl, 6- to 20-membered heteroaralkyl, etc.; and their pharmaceutically acceptable salts and N-oxides thereof, are claimed. Example compound II was prepared by sulfonylation of 1(3-trifluoromethylphenyl)piperazine with 4-methylbenzenesulfonyl chloride. All the invention compds. were evaluated for their 11- $\beta$ HSD1 inhibitory activity (no data).

II 946394-88-3P 946394-89-4P 946394-90-7P  
946394-91-8P 946394-93-0P 946394-94-1P  
946394-96-3P 946394-97-4P 946394-98-5P  
946394-99-6P 946395-00-2P 946395-01-3P  
946395-03-5P 946395-05-7P 946395-06-8P  
946395-10-4P 946395-11-5P 946395-12-6P  
946395-13-7P 946395-14-8P 946395-15-9P  
946395-16-0P 946395-17-1P 946395-18-2P  
946395-19-3P 946395-21-7P 946395-22-8P  
946395-23-9P 946395-24-0P 946395-25-1P  
946395-26-2P 946395-29-5P 946395-30-8P  
946395-31-9P 946395-32-0P 946395-33-1P  
946395-34-2P 946395-37-5P 946395-38-6P  
946395-39-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

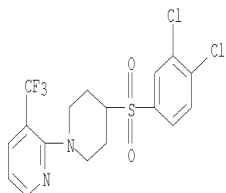
(drug candidate; preparation of sulfonylated piperidine and piperazine derivs. as 11- $\beta$ HSD1 inhibitors useful in the treatment of diseases)

RN 946394-88-3 CAPLUS

CN Pyridine, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-3-

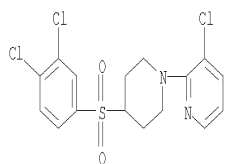
Print selected from 10599388.trn

(trifluoromethyl)- (CA INDEX NAME)



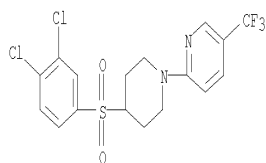
RN 946394-89-4 CAPLUS

CN Pyridine, 3-chloro-2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 946394-90-7 CAPLUS

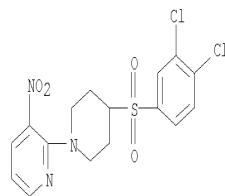
CN Pyridine, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 946394-91-8 CAPLUS

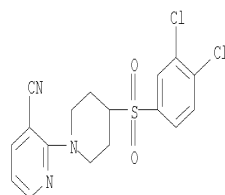
CN Pyridine, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-3-nitro- (CA INDEX NAME)

Print selected from 10599388.trn



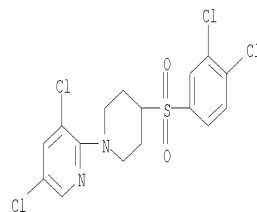
RN 946394-93-0 CAPLUS

CN 3-Pyridinecarbonitrile, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946394-94-1 CAPLUS

CN Pyridine, 3,5-dichloro-2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)

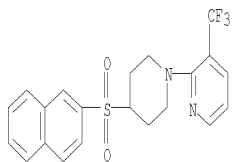


RN 946394-96-3 CAPLUS

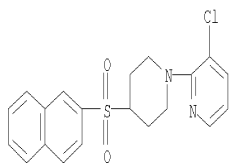
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-3-(trifluoromethyl)- (CA INDEX NAME)



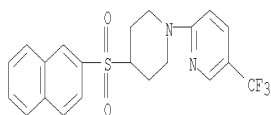
Print selected from 10599388.trn



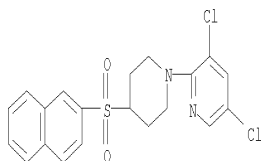
RN 946394-97-4 CAPLUS  
CN Pyridine, 3-chloro-2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)



RN 946394-98-5 CAPLUS  
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

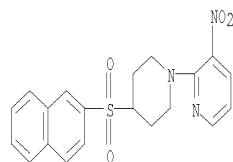


RN 946394-99-6 CAPLUS  
CN Pyridine, 3,5-dichloro-2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)

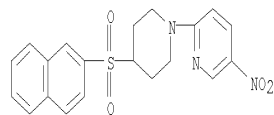


RN 946395-00-2 CAPLUS  
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-3-nitro- (CA INDEX NAME)

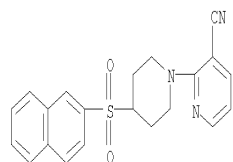
Print selected from 10599388.trn



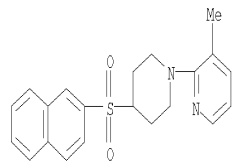
RN 946395-01-3 CAPLUS  
CN Pyridine, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]-5-nitro- (CA INDEX NAME)



RN 946395-03-5 CAPLUS  
CN 3-Pyridinecarbonitrile, 2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)



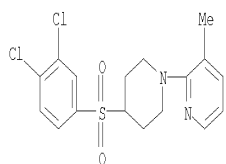
RN 946395-05-7 CAPLUS  
CN Pyridine, 3-methyl-2-[4-(2-naphthalenylsulfonyl)-1-piperidinyl]- (CA INDEX NAME)



RN 946395-06-8 CAPLUS

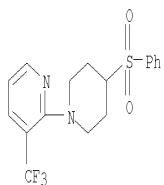
Print selected from 10599388.trn

CN Pyridine, 2-[4-[(3,4-dichlorophenyl)sulfonyl]-1-piperidinyl]-3-methyl-  
(CA INDEX NAME)



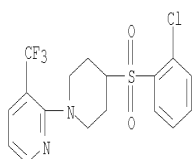
RN 946395-10-4 CAPLUS

CN Pyridine, 2-[4-(phenylsulfonyl)-1-piperidinyl]-3-(trifluoromethyl)- (CA  
INDEX NAME)



RN 946395-11-5 CAPLUS

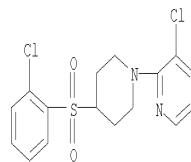
CN Pyridine, 2-[4-[(2-chlorophenyl)sulfonyl]-1-piperidinyl]-3-  
(trifluoromethyl)- (CA INDEX NAME)



RN 946395-12-6 CAPLUS

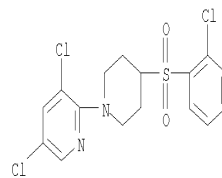
CN Pyridine, 3-chloro-2-[4-[(2-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA  
INDEX NAME)

Print selected from 10599388.trn



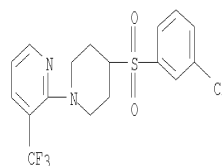
RN 946395-13-7 CAPLUS

CN Pyridine, 3,5-dichloro-2-[4-[(2-chlorophenyl)sulfonyl]-1-piperidinyl]-  
(CA INDEX NAME)



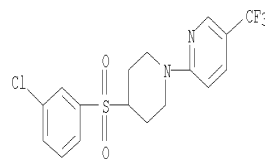
RN 946395-14-8 CAPLUS

CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-3-  
(trifluoromethyl)- (CA INDEX NAME)



RN 946395-15-9 CAPLUS

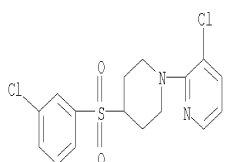
CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-5-  
(trifluoromethyl)- (CA INDEX NAME)



Print selected from 10599388.trn

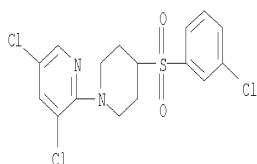
RN 946395-16-0 CAPLUS

CN Pyridine, 3-chloro-2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



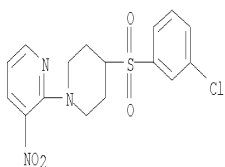
RN 946395-17-1 CAPLUS

CN Pyridine, 3,5-dichloro-2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946395-18-2 CAPLUS

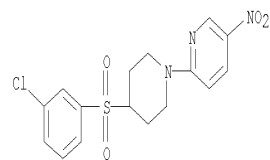
CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-3-nitro- (CA INDEX NAME)



RN 946395-19-3 CAPLUS

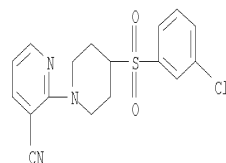
CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-5-nitro- (CA INDEX NAME)

Print selected from 10599388.trn



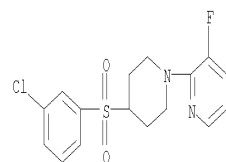
RN 946395-21-7 CAPLUS

CN 3-Pyridinecarbonitrile, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



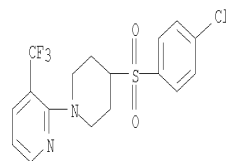
RN 946395-22-8 CAPLUS

CN Pyridine, 2-[4-[(3-chlorophenyl)sulfonyl]-1-piperidinyl]-3-fluoro- (CA INDEX NAME)



RN 946395-23-9 CAPLUS

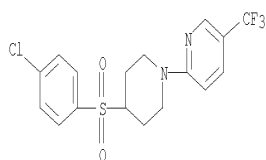
CN Pyridine, 2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 946395-24-0 CAPLUS

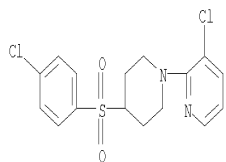
Print selected from 10599388.trn

CN Pyridine, 2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



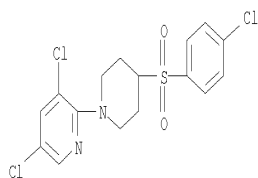
RN 946395-25-1 CAPLUS

CN Pyridine, 3-chloro-2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946395-26-2 CAPLUS

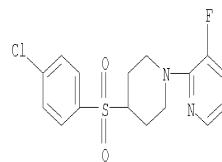
CN Pyridine, 3,5-dichloro-2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946395-29-5 CAPLUS

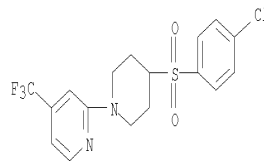
CN Pyridine, 2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]-3-fluoro- (CA INDEX NAME)

Print selected from 10599388.trn



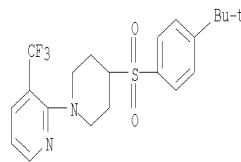
RN 946395-30-8 CAPLUS

CN Pyridine, 2-[4-[(4-chlorophenyl)sulfonyl]-1-piperidinyl]-4-(trifluoromethyl)- (CA INDEX NAME)



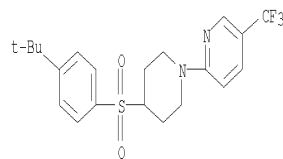
RN 946395-31-9 CAPLUS

CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-3-(trifluoromethyl)- (CA INDEX NAME)



RN 946395-32-0 CAPLUS

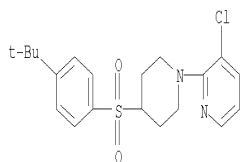
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 946395-33-1 CAPLUS

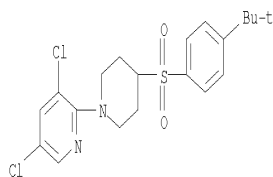
Print selected from 10599388.trn

CN Pyridine, 3-chloro-2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



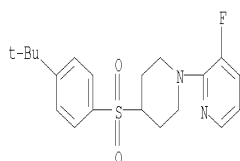
RN 946395-34-2 CAPLUS

CN Pyridine, 3,5-dichloro-2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



RN 946395-37-5 CAPLUS

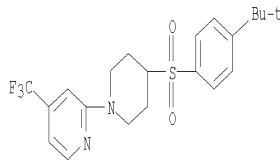
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-3-fluoro- (CA INDEX NAME)



RN 946395-38-6 CAPLUS

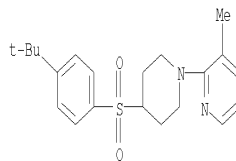
CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-4-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



RN 946395-39-7 CAPLUS

CN Pyridine, 2-[4-[[4-(1,1-dimethylethyl)phenyl]sulfonyl]-1-piperidinyl]-3-methyl- (CA INDEX NAME)



L5 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:706099 Document No. 147:118234 Preparation of imidazopyridines as enzyme inhibitors, especially Aurora kinase inhibitors, for treating cell proliferative diseases. Bavetsias, Vassilios; MacDonald, Edward; Linardopoulos, Spyridon (Chroma Therapeutics Ltd., UK). PCT Int. Appl. WO 2007072017 A2 20070628, 244pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-GB4854 20061221. PRIORITY: GB 2005-26169 20051222; GB 2006-20884 20061020.

GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The invention is related to imidazopyridines I [X = N, CH<sub>2</sub>N, CH<sub>2</sub>CH, CH; R<sub>1</sub> = -(Z)r-(Alk)s-A; Z = CH<sub>2</sub>, NH, O, SO<sub>2</sub>, a divalent monocyclic carbocyclyl or heterocyclyl radical having 3-7 ring atoms, etc.; Alk = (un)substituted alkylene; A = H, (un)substituted monocyclic carbocyclyl or heterocyclyl ring having 3-7 ring atoms; r, s = independently 0-1, provided that when A = H then at least one of r and s = 1; R<sub>2</sub> = halo, CN, CF<sub>3</sub>, OMe, cyclopropyl; R<sub>3</sub> = -(Alk<sub>1</sub>)m-(Z<sub>1</sub>)p-(Alk<sub>2</sub>)n-Q; Q = H, (un)substituted Ph or monocyclic heterocyclyl with 5-6 ring atoms; Z<sub>1</sub> = S, SO, SO<sub>2</sub>, O, SO<sub>2</sub>NH,

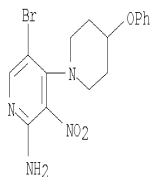
Print selected from 10599388.trn

NHSO<sub>2</sub>, NHCONH, NHCSNH, NH and derivs.; Alk1, Alk2 = independently (un)substituted alkylene; m, n, p = independently 0-1], their salts, hydrates, solvates, and N-oxides, as Aurora kinase inhibitors and antiproliferative agents. Thus, amination of 2-amino-4,5-dichloropyridine (preparation given) with 2-(piperazin-1-yl)acetic acid N-(2-thiazolyl)amide, and cyclization of 2-amino-3-nitropyridine intermediate with 4-dimethylaminobenzaldehyde in EtOH in the presence of Na<sub>2</sub>S<sub>2</sub>O<sub>4</sub> gave imidazopyridine II. Imidazopyridine II showed IC<sub>50</sub> < 500 nM in the Aurora-A inhibition assay and for inhibition of HCT 116 cancer cell lines. I are useful for treating cell proliferative diseases such as cancer.

IT 942950-07-4P, 5-Bromo-3-nitro-4-(4-phenoxy-piperidin-1-yl)pyridin-2-amine  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; preparation of imidazopyridines as Aurora kinase inhibitors and antiproliferative agents)

RN 942950-07-4 CAPLUS

CN 2-Pyridinamine, 5-bromo-3-nitro-4-(4-phenoxy-1-piperidinyl)- (CA INDEX NAME)

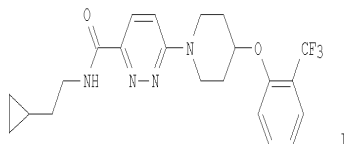
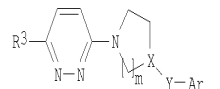


L5 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:702653 Document No. 147:118248 Preparation of heteroaromatic compounds as inhibitors of stearyl-coenzyme A delta-9 desaturase. Deschenes, Denis; Portin, Rejean; Li, Chun Sing; Oballa, Renata M.; Ramtohl, Yeeman K. (Merck Frosst Canada Ltd., Can.). PCT Int. Appl. WO 2007071023 A1 20070628, 64pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-CA2053 20061218. PRIORITY: US 2005-751874P 20051220.

GI

Print selected from 10599388.trn

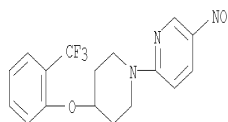


AB The title compds. [I; m = 1-3; X-Y = CH-O, CH-S(O)p, CH-C(O), etc.; p = 1-2; Ar = (un)substituted Ph, naphthyl, heteroaryl; R3 = (un)substituted C(O)NH<sub>2</sub>, OC(O)NH<sub>2</sub>, SO<sub>2</sub>NH<sub>2</sub>, etc.] which are selective inhibitors of stearyl-CoA delta-9 desaturase (SCD1) relative to other known stearyl-CoA desaturases, and therefore useful for the prevention and treatment of conditions related to abnormal lipid synthesis and metabolism, including cardiovascular disease, such as atherosclerosis; lipid disorders; obesity; diabetes; neurol. disease; metabolic syndrome; insulin resistance; fatty liver disease and cancer, were prepared and formulated. E.g., a multi-step synthesis of II, starting from 3-chloro-6-methylpyridazine, was given. Compds. I exhibit an inhibition constant IC<sub>50</sub> of less than 1 μM and more typically less than 0.1 μM.

IT 943138-89-4P 943138-90-7P 943138-91-8P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of piperidinyl pyridazines as inhibitors of stearyl-CoA delta-9 desaturase)

RN 943138-89-4 CAPLUS

CN Pyridine, 5-nitro-2-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

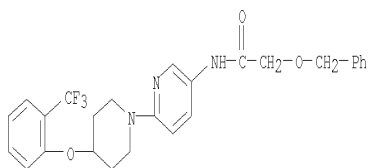


RN 943138-90-7 CAPLUS

CN Benzenebutanamide, N-[6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]- (CA INDEX NAME)

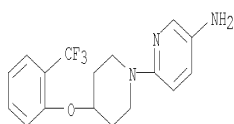
CC(C)CC(=O)Nc1ccc(cc1N2CCOC(c3ccccc3C(F)(F)F)CC2)c4ccccc4

CN Acetamide, 2-(phenylmethoxy)-N-[6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]-3-pyridinyl]- (CA INDEX NAME)



RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of piperidinyl pyridazines as inhibitors of stearyl-CoA delta-9 desaturase)

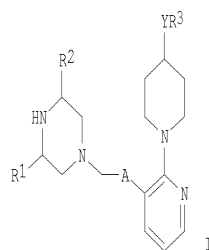
CN 3-Pyridinamine, 6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA  
INDEX NAME)



2007:642552 Document No. 147:72799 Preparation of  
piperazinylmethylheteroarylpyridinylpiperidines as agonists of the GPR38  
receptor. MacDonald, Gregor James; Mitchell, Darren Jason; Thompson,  
Mervyn; Westaway, Susan Marie (Glaxo Group Limited, UK). PCT Int. Appl.  
WO 2007065669 A1 20070614, 59pp. DESIGNATED STATES: W: AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BV, BZ, CA, CH, CN, CO, CR, CU, CZ, DE,  
DK, DM, DS, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID,  
IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU,  
LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TZ, TM, TN,  
TR, TT, TZ, UA, UG; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK

ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN,  
TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2006-EP11734  
20061201. PRIORITY: GB 2005-24814 20051205.

GI



AB Title compds. 1; A = (substituted) 5-6 membered heteroaryl, heterocyclyl; R1, R2 = H, alkyl; Y = NH, O, CH2; R3 = (substituted) Ph, 5-6 membered heteroaryl], were prepared Thus, (2R,6S)-2,6-dimethyl-4-(1H-pyrazol-3-ylmethyl)-1-trifluoroacetyl piperazine (preparation given), 1-(3-bromo-2-pyridinyl)-N-(4-fluorophenyl)-4-piperidinamine (preparation given), CuI, and L-proline were microwaved together in Me2SO at 170° for 6 h to give the coupling product, which was deprotected with K2CO3 in MeOH/H2O at 60° for 16 h to give 1-[3-[[3-[[[(3R,5S)-3,5-dimethyl-1-piperazinyl]methyl]-1H-pyrazol-1-yl]-2-pyridinyl]-N-(4-fluorophenyl)-4-piperidinamine. In a GPR38 FLIPR functional assay, tested 1 showed pEC50 >5.

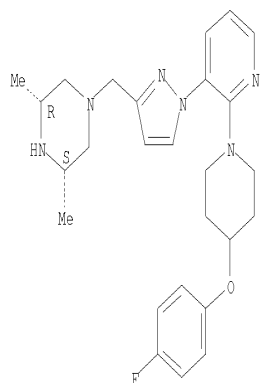
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of  
piperazinylmethylheteroarylpyridinylpiperidi-  
nes as agonists of GPR38 receptor)

CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

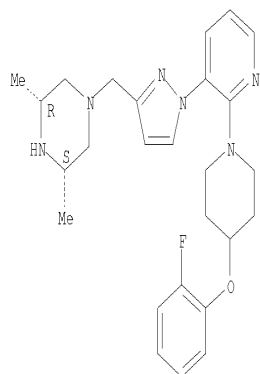
Print selected from 10599388.trn



RN 941572-31-2 CAPLUS

CN Piperazine, 1-[[1-[2-[4-(2-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

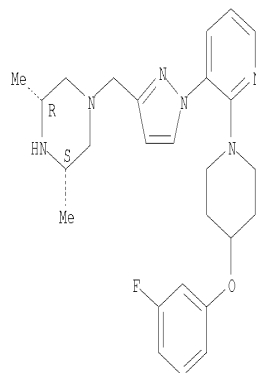


RN 941572-32-3 CAPLUS

CN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, (3R,5S)-rel- (CA INDEX NAME)

Relative stereochemistry.

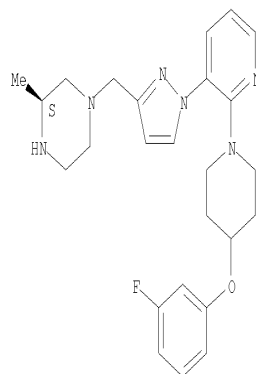
Print selected from 10599388.trn



RN 941572-33-4 CAPLUS

CN Piperazine, 1-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3-methyl-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



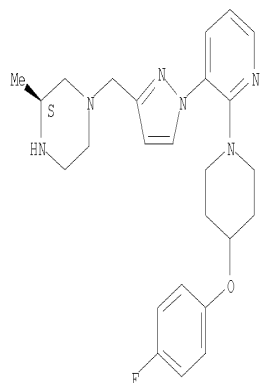
RN 941572-34-5 CAPLUS

CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3-methyl-, hydrochloride (1:1), (3S)- (CA INDEX NAME)

Absolute stereochemistry.



Print selected from 10599388.trn

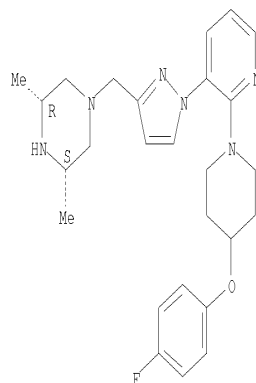


● HCl

IT 941572-76-5P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of GPR38 receptor)  
 RN 941572-76-5 CAPLUS  
 CN Piperazine, 1-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-3,5-dimethyl-, hydrochloride (1:?), (3R,5S)-rel- (CA INDEX NAME)

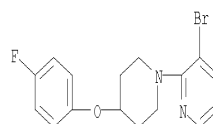
Relative stereochemistry.

Print selected from 10599388.trn

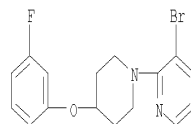


●x HCl

IT 941572-58-3P 941572-59-4P 941572-60-7P  
 941572-61-8P 941572-62-9P 941572-63-0P  
 941572-64-1P 941572-65-2P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of piperazinylmethylheteroarylpyridinylpiperidines as agonists of GPR38 receptor)  
 RN 941572-58-3 CAPLUS  
 CN Pyridine, 3-bromo-2-[4-(4-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



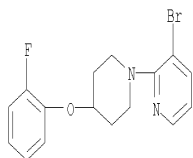
RN 941572-59-4 CAPLUS  
 CN Pyridine, 3-bromo-2-[4-(3-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 941572-60-7 CAPLUS

Print selected from 10599388.trn

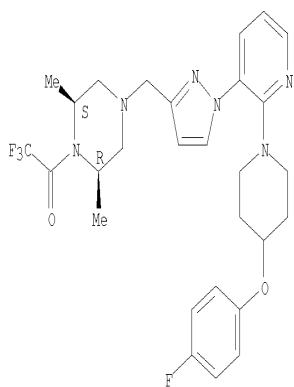
CN Pyridine, 3-bromo-2-[4-(2-fluorophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 941572-61-8 CAPLUS

CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

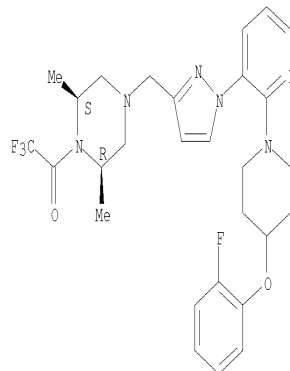


RN 941572-62-9 CAPLUS

CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(2-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

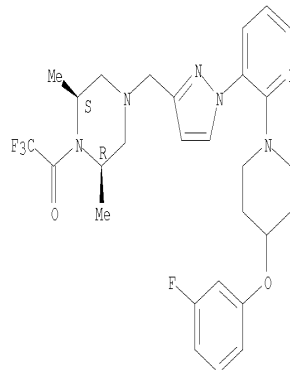
Print selected from 10599388.trn



RN 941572-63-0 CAPLUS

CN Ethanone, 2,2,2-trifluoro-1-[(2R,6S)-4-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2,6-dimethyl-1-piperazinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.

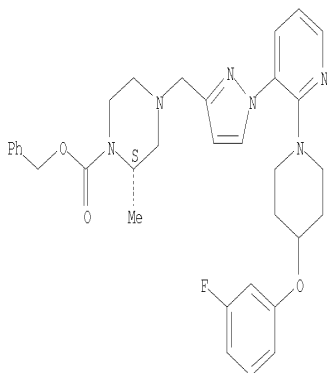


RN 941572-64-1 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[1-[2-[4-(3-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2-methyl-, phenylmethyl ester, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

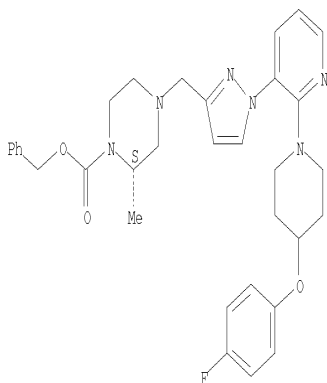
Print selected from 10599388.trn



RN 941572-65-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[1-[2-[4-(4-fluorophenoxy)-1-piperidinyl]-3-pyridinyl]-1H-pyrazol-3-yl]methyl]-2-methyl-, phenylmethyl ester, (2S)-(CA INDEX NAME)

Absolute stereochemistry.



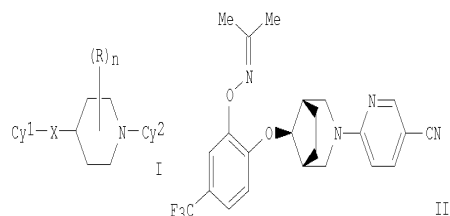
L5 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:409606 Document No. 146:401834 Preparation of azabicyclo[2.2.1]octane derivatives as pesticides. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Kawaguchi, Masahiro; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2007040280 A1 20070412, 97pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA,

Print selected from 10599388.trn

NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2006-JP320126 20061006. PRIORITY: JP 2005-294126 20051006; JP 2005-294127 20051006; JP 2005-297803 20051012; JP 2005-297804 20051012; JP 2006-16877 20060125; JP 2006-182314 20060630.

GI



AB The title compds. I [wherein Cy1 = (un)substituted heterocyclyl; Cy2 = (un)substituted cyclyl, heterocyclyl, etc.; n = 0-9; X = O, S, SO, SO2, or (un)substituted NH; R = OH, halo, (un)substituted NH2, etc.; or two R's form a ring] are prepared as pest control agents. For example, the compound II was prepared in a multi-step synthesis. Some of compds. I showed excellent pesticidal activities in tests.

IT 933799-99-6P 933800-00-1P

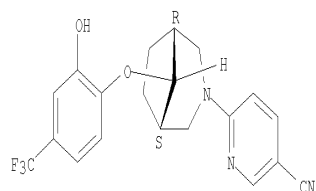
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)

RN 933799-99-6 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-hydroxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

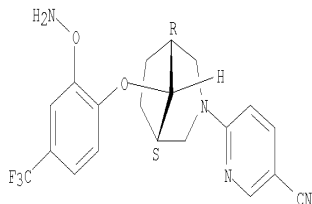


RN 933800-00-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

Print selected from 10599388.trn



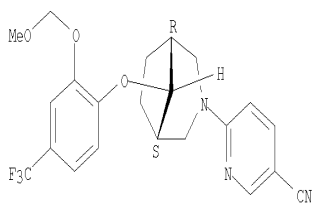
IT 866618-39-5P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(pesticide; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)

RN 866618-39-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



IT 866617-00-7P 866618-28-2P 866618-49-7P

866622-05-1P 933796-86-2P 933797-52-5P

933797-53-6P 933797-58-1P 933797-59-2P

933797-60-5P 933797-61-6P 933797-62-7P

933797-63-8P 933797-64-9P 933797-65-0P

933797-66-1P 933797-67-2P 933798-17-5P

933798-40-4P 933798-63-1P 933798-64-2P

933798-65-3P 933798-66-4P 933798-67-5P

933798-86-8P 933798-87-9P 933798-88-0P

933798-89-1P 933798-90-4P 933799-05-4P

933799-07-6P 933799-93-0P 933799-95-2P

934001-67-9P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

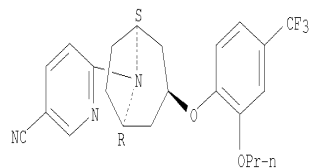
(pesticide; preparation of azabicyclo[2.2.1]octane derivs. as pesticides)

RN 866617-00-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

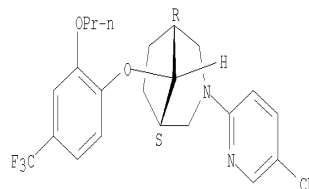
Print selected from 10599388.trn



RN 866618-28-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

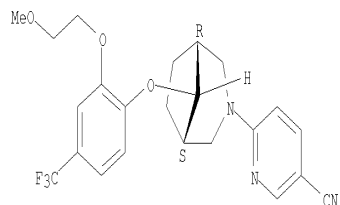
Relative stereochemistry.



RN 866618-49-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

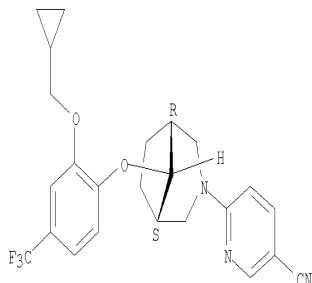


RN 866622-05-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

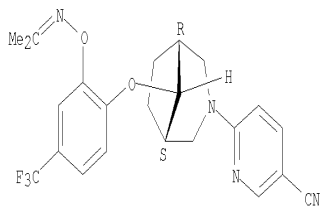
Print selected from 10599388.trn



RN 933796-86-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-[[1-methylethylidene]amino]oxy]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

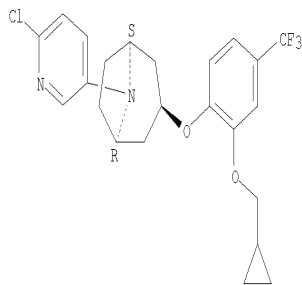
Relative stereochemistry.



RN 933797-52-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

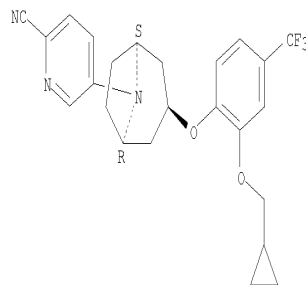


RN 933797-53-6 CAPLUS

Print selected from 10599388.trn

CN 2-Pyridinecarbonitrile, 5-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

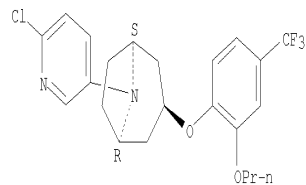
Relative stereochemistry.



RN 933797-58-1 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

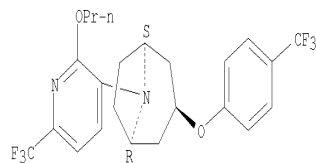
Relative stereochemistry.



RN 933797-59-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-[2-propoxy-6-(trifluoromethyl)-3-pyridinyl]-3-[4-(trifluoromethyl)phenoxy]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.

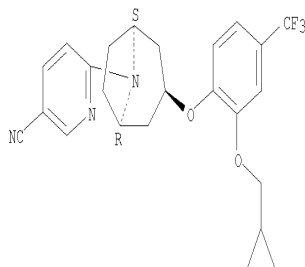


RN 933797-60-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Print selected from 10599388.trn

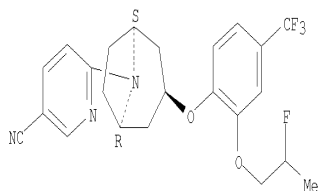
Relative stereochemistry.



RN 933797-61-6 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

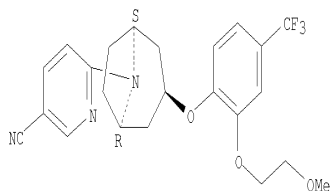
Relative stereochemistry.



RN 933797-62-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

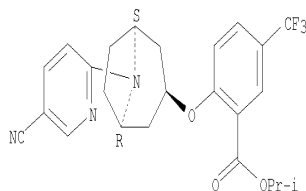


RN 933797-63-8 CAPLUS

CN Benzoic acid, 2-[[[(3-exo)-8-(5-cyano-2-pyridinyl)-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Print selected from 10599388.trn

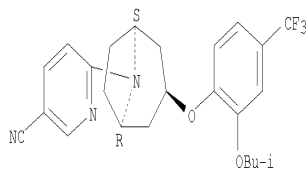
Relative stereochemistry.



RN 933797-64-9 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

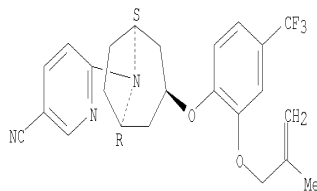
Relative stereochemistry.



RN 933797-65-0 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[(2-methyl-2-propen-1-yl)oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

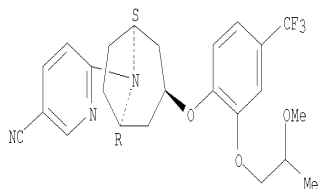


RN 933797-66-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

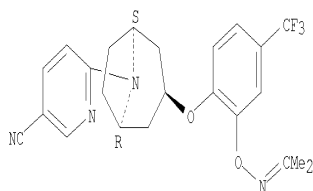
Print selected from 10599388.trn



RN 933797-67-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[[[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

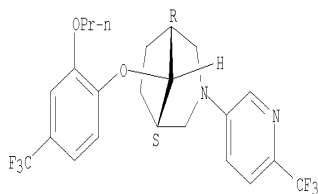
Relative stereochemistry.



RN 933798-17-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[6-(trifluoromethyl)-3-pyridinyl]-, (8-syn)- (CA INDEX NAME)

Relative stereochemistry.

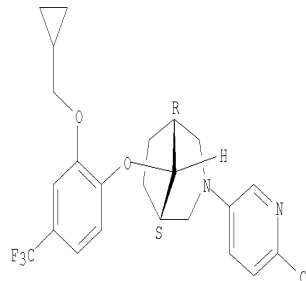


RN 933798-40-4 CAPLUS

CN 2-Pyridinecarbonitrile, 5-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

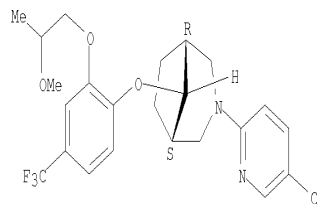
Print selected from 10599388.trn



RN 933798-63-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

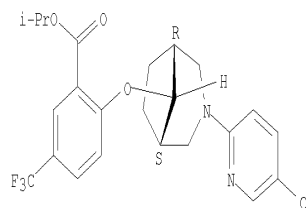
Relative stereochemistry.



RN 933798-64-2 CAPLUS

CN Benzoic acid, 2-[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.

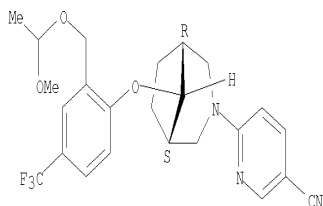


RN 933798-65-3 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

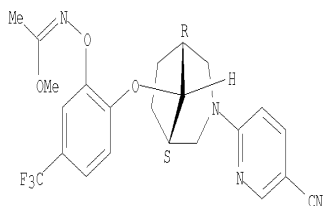
Print selected from 10599388.trn



RN 933798-66-4 CAPLUS

CN Ethanimidic acid, N-[2-[[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]-, methyl ester (CA INDEX NAME)

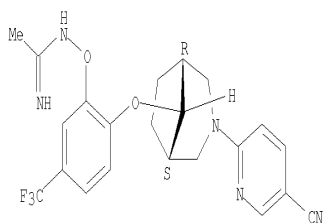
Relative stereochemistry.  
Double bond geometry unknown.



RN 933798-67-5 CAPLUS

CN Ethanimidamide, N-[2-[[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



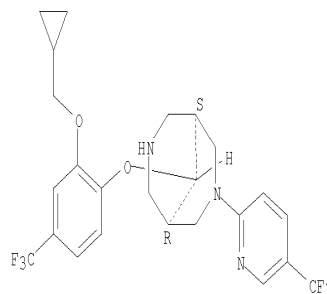
RN 933798-86-8 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)-

Print selected from 10599388.trn

(CA INDEX NAME)

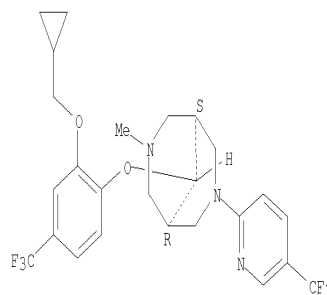
Relative stereochemistry.



RN 933798-87-9 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-methyl-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.



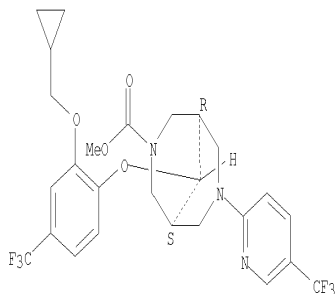
RN 933798-88-0 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane-3-carboxylic acid, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, methyl ester, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.



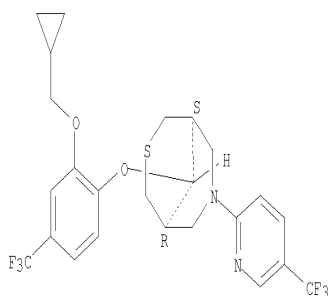
Print selected from 10599388.trn



RN 933798-89-1 CAPLUS

CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.

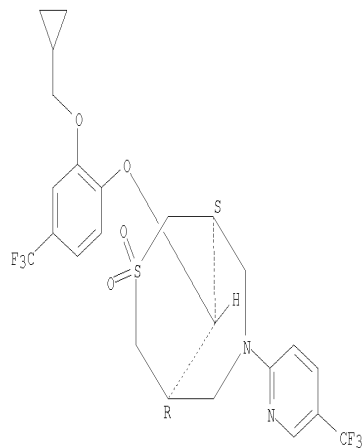


RN 933798-90-4 CAPLUS

CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, 3,3-dioxide, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.

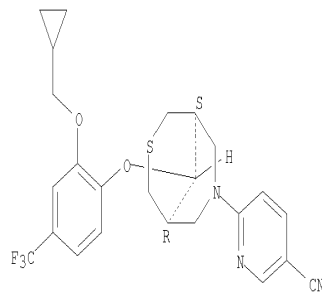
Print selected from 10599388.trn



RN 933799-05-4 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.

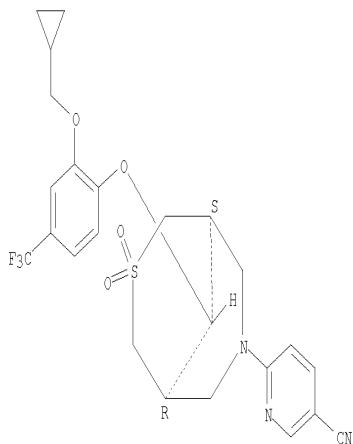


RN 933799-07-6 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3,3-dioxido-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.

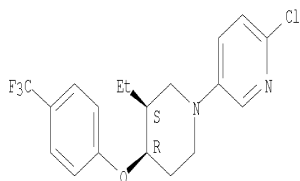
Print selected from 10599388.trn



RN 933799-93-0 CAPLUS

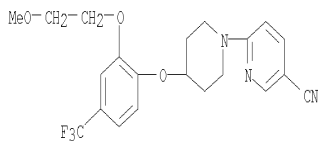
CN Pyridine, 2-chloro-5-[(3R,4S)-3-ethyl-4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 933799-95-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[4-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



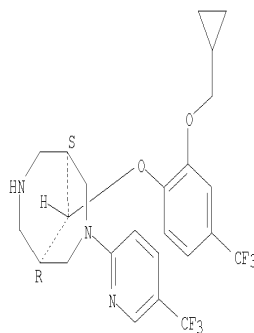
RN 934001-67-9 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)-

Print selected from 10599388.trn

(CA INDEX NAME)

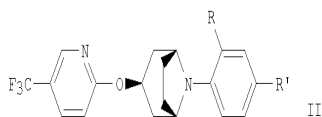
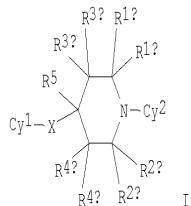
Relative stereochemistry.



L5 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2007:405401 Document No. 146:421857 Preparation of bridged cyclic amine compounds as pest control agents. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Kawaguchi, Masahiro; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2007040282 A1 20070412, 98pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2006-JP320133 20061006. PRIORITY: JP 2005-294126 20051006; JP 2005-294127 20051006; JP 2005-297803 20051012; JP 2005-297804 20051012; JP 2006-16877 20060125; JP 2006-182314 20060630.

GI



AB Title compds. I [Cyl = (un)substituted aromatic ring; X = oxygen, sulfur, (un)substituted nitrogen, etc.; R1a and R2a, R1a and R4a, R2a and R3a, or R3a and R4a may combine to form a saturated ring.; R1a-R4a, R1b-R4b and R5 = H, hydroxy, halo, etc.; Cy2 = (un)substituted aromatic ring; when R1a and R2a may combine to form saturated ring and Cyl is a (un)substituted Ph, Cy2 is a (un)substituted aromatic heterocycle.; when Cyl is a (un)substituted Ph and Cy2 is a pyridin-2-yl, Cy2 is a pyridin-2-yl substituted with one or more cyano groups.], salts or N-oxides thereof were prepared For example, reaction of tropine with 2-chloro-5-trifluoromethylpyridine followed by treatment with 2,2,2-trichloroethyl chloroformate, reduction using Zn/acetic acid and O-arylation with 2-fluoro-5-trifluoromethylbenzaldehyde afforded compound II [R = CHO; R' = CF<sub>3</sub>]. Compound II [R = OCH<sub>2</sub>CH<sub>2</sub>CH<sub>3</sub>; R' = CF<sub>3</sub>] controlled two-spotted spider mite by 100%.

IT 866618-39-5P

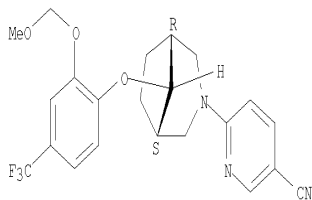
RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of bridged cyclic amine compds. as pest control agents)

RN 866618-39-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



IT 866617-00-7P 866618-28-2P 866618-49-7P  
866622-05-1P 933796-86-2P 933797-52-5P  
933797-53-6P 933797-58-1P 933797-59-2P  
933797-60-5P 933797-61-6P 933797-62-7P  
933797-63-8P 933797-64-9P 933797-65-0P  
933797-66-1P 933797-67-2P 933798-17-5P  
933798-40-4P 933798-63-1P 933798-64-2P  
933798-65-3P 933798-66-4P 933798-67-5P  
933798-86-8P 933798-87-9P 933798-88-0P  
933798-89-1P 933799-90-4P 933799-05-4P  
933799-07-6P 934001-67-9P

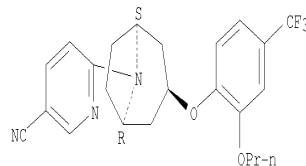
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of bridged cyclic amine compds. as pest control agents)

RN 866617-00-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

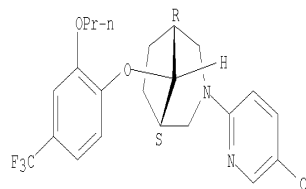
Relative stereochemistry.



RN 866618-28-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

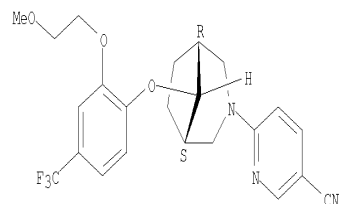


RN 866618-49-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

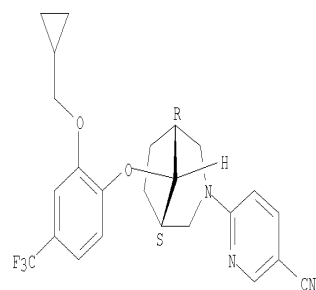
Relative stereochemistry.

Print selected from 10599388.trn



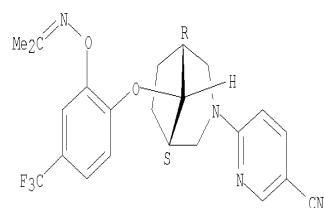
RN 866622-05-1 CAPLUS  
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 933796-86-2 CAPLUS  
CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-[(1-methylethylidene)amino]oxy]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

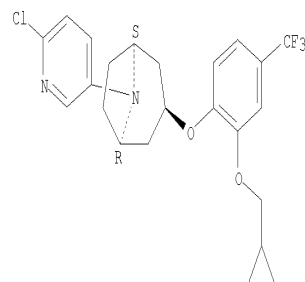
Relative stereochemistry.



RN 933797-52-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

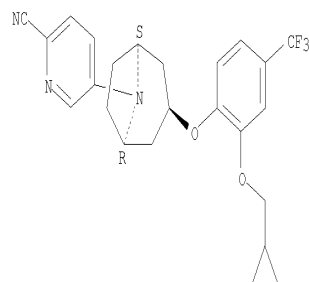
Print selected from 10599388.trn

Relative stereochemistry.



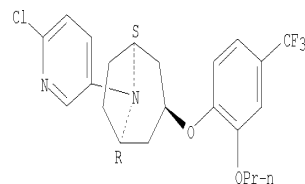
RN 933797-53-6 CAPLUS  
CN 2-Pyridinecarbonitrile, 5-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 933797-58-1 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 8-(6-chloro-3-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

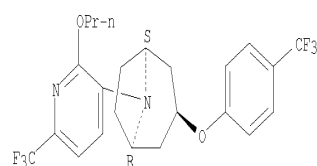


RN 933797-59-2 CAPLUS

Print selected from 10599388.trn

CN 8-Azabicyclo[3.2.1]octane, 8-[2-propoxy-6-(trifluoromethyl)-3-pyridinyl]-3-[4-(trifluoromethyl)phenoxy]-, (3-exo)- (CA INDEX NAME)

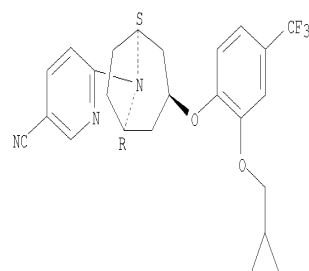
Relative stereochemistry.



RN 933797-60-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

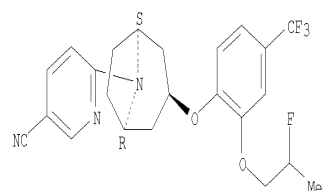
Relative stereochemistry.



RN 933797-61-6 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

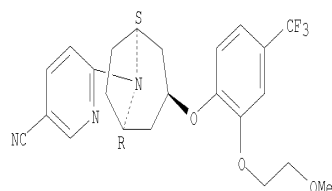


RN 933797-62-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Print selected from 10599388.trn

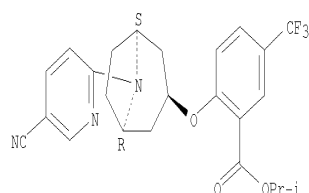
Relative stereochemistry.



RN 933797-63-8 CAPLUS

CN Benzoic acid, 2-[[[(3-exo)-8-(5-cyano-2-pyridinyl)-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

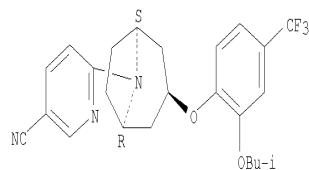
Relative stereochemistry.



RN 933797-64-9 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

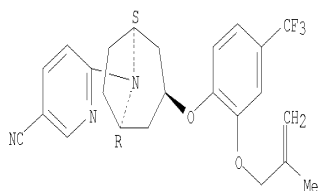


RN 933797-65-0 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[(2-methyl-2-propen-1-yl)oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

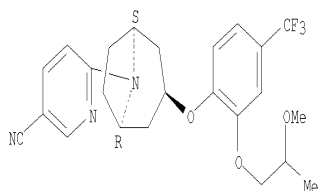
Print selected from 10599388.trn



RN 933797-66-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

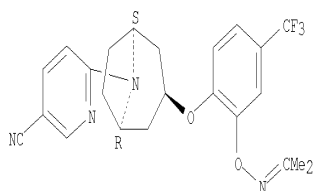
Relative stereochemistry.



RN 933797-67-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-[[[1-methylethylidene]amino]oxy]-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

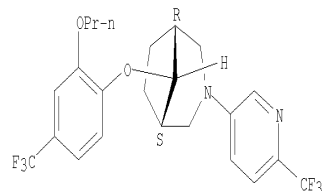


RN 933798-17-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[6-(trifluoromethyl)-3-pyridinyl]-, (8-syn)- (CA INDEX NAME)

Relative stereochemistry.

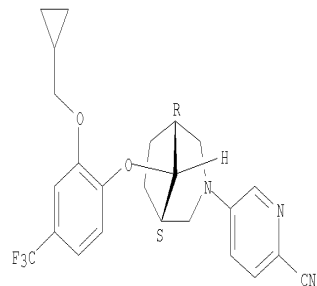
Print selected from 10599388.trn



RN 933798-40-4 CAPLUS

CN 2-Pyridinecarbonitrile, 5-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

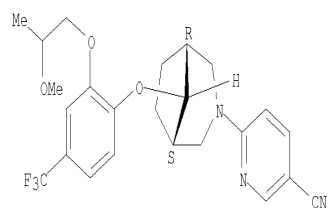
Relative stereochemistry.



RN 933798-63-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

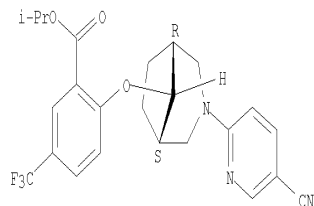


RN 933798-64-2 CAPLUS

CN Benzoic acid, 2-[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.

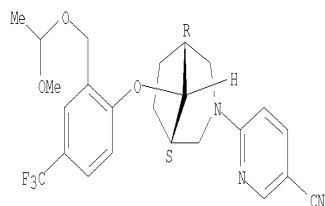
Print selected from 10599388.trn



RN 933798-65-3 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

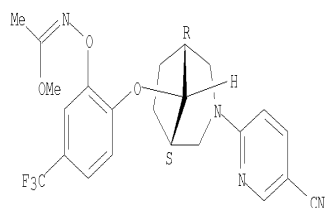
Relative stereochemistry.



RN 933798-66-4 CAPLUS

CN Ethanimidic acid, N-[2-[[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

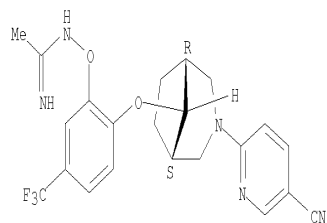


RN 933798-67-5 CAPLUS

CN Ethanimidamide, N-[2-[[[(8-anti)-3-(5-cyano-2-pyridinyl)-3-azabicyclo[3.2.1]oct-8-yl]oxy]-5-(trifluoromethyl)phenoxy]- (CA INDEX NAME)

Relative stereochemistry.

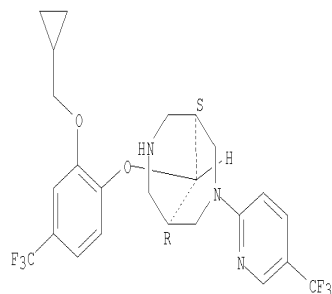
Print selected from 10599388.trn



RN 933798-86-8 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.

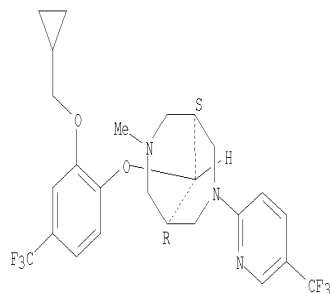


RN 933798-87-9 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-methyl-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

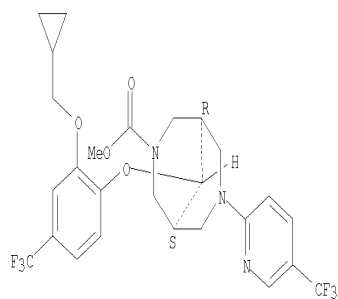
Relative stereochemistry.

Print selected from 10599388.trn



RN 933798-88-0 CAPLUS  
CN 3,7-Diazabicyclo[3.3.1]nonane-3-carboxylic acid, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, methyl ester, (9-syn)- (CA INDEX NAME)

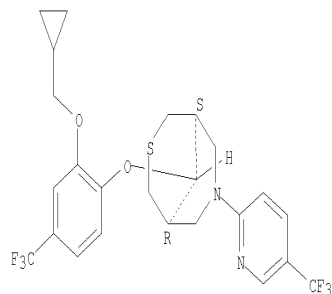
Relative stereochemistry.



RN 933798-89-1 CAPLUS  
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (CA INDEX NAME)

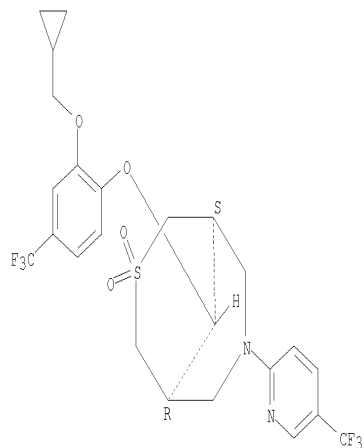
Relative stereochemistry.

Print selected from 10599388.trn



RN 933798-90-4 CAPLUS  
CN 3-Thia-7-azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-7-[5-(trifluoromethyl)-2-pyridinyl]-, 3,3-dioxide, (9-syn)- (CA INDEX NAME)

Relative stereochemistry.

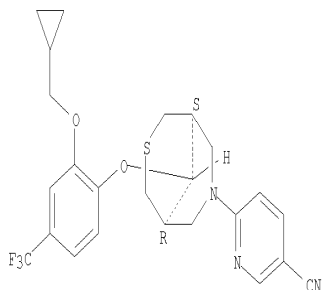


RN 933799-05-4 CAPLUS  
CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

Relative stereochemistry.

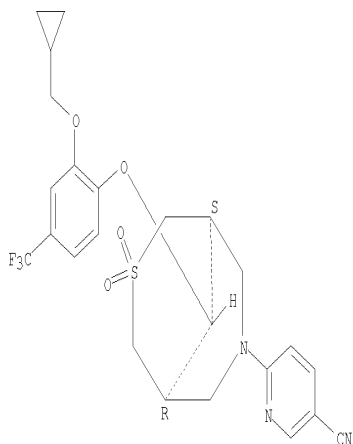


Print selected from 10599388.trn



RN 933799-07-6 CAPLUS  
 CN 3-Pyridinecarbonitrile, 6-[(9-syn)-9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3,3-dioxido-3-thia-7-azabicyclo[3.3.1]non-7-yl]- (CA INDEX NAME)

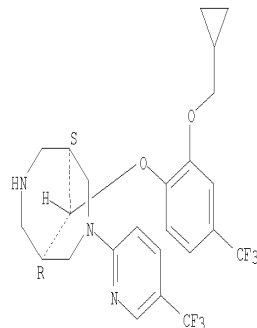
Relative stereochemistry.



RN 934001-67-9 CAPLUS  
 CN 3,7-Diazabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (CA INDEX NAME)

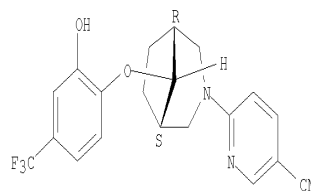
Relative stereochemistry.

Print selected from 10599388.trn



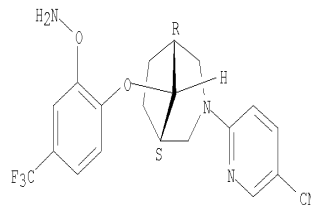
IT 933799-99-6P 933800-00-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of bridged cyclic amine compds. as pest control agents)  
 RN 933799-99-6 CAPLUS  
 CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(hydroxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.



RN 933800-00-1 CAPLUS  
 CN 3-Pyridinecarbonitrile, 6-[(8-anti)-8-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

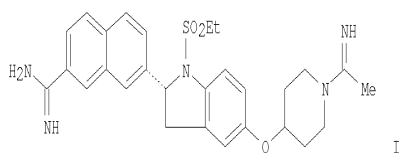


Print selected from 10599388.trn

L5 ANSWER 9 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2006:373190 Document No. 145:55354 Indoline derivatives. Synthesis and factor Xa (FXa) inhibitory activities. Noguchi, Tetsuji; Tanaka, Naoki; Nishimata, Toyoki; Goto, Riki; Hayakawa, Miho; Sugidachi, Atsuhiko; Ogawa, Taketoshi; Asai, Fumitoshi; Matsui, Yumi; Fujimoto, Koichi (Medicinal Chemistry Research Laboratories, Sankyo Co., Ltd., 1-2-58 Hiromachi, Shinagawa-ku, Tokyo, 140-8710, Japan). Chemical & Pharmaceutical Bulletin, 54(2), 163-174 (English) 2006. CODEN: CPBTAL. ISSN: 0009-2363. OTHER SOURCES: CASREACT 145:55354. Publisher: Pharmaceutical Society of Japan.

GI



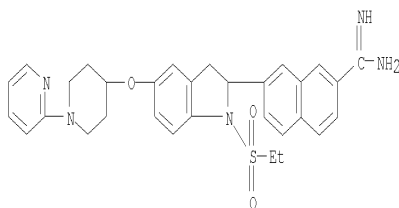
AB A series of bisamidine derivs. each having a ring structure in the center of the mol. was synthesized and their Factor Xa (FXa) inhibitory activities were evaluated. Among them, some indoline derivs. showed potent inhibitory activities in vitro. In particular, compound (I) having an (R)-configuration at the 2-position of the indoline ring exhibited the most potent FXa inhibitory activity in vitro, more potent than DX-9065a. Furthermore, I exhibited more potent anticoagulant activity than DX-9065a. The authors also succeeded in obtaining an x-ray crystal structure of FXa bound with I.

IT 779314-68-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(synthesis and factor Xa (FXa) inhibitory activities of indoline derivs.)

RN 779314-68-0 CAPLUS

CN 2-Naphthalenecarboximidamide, 7-[1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]-1H-indol-2-yl]- (CA INDEX NAME)



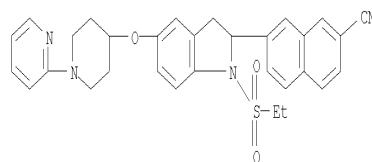
Print selected from 10599388.trn

IT 319450-57-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(synthesis and factor Xa (FXa) inhibitory activities of indoline derivs.)

RN 319450-57-2 CAPLUS

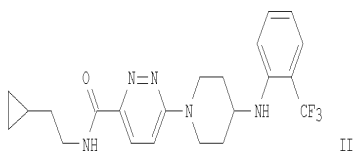
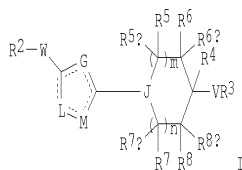
CN 1H-Indole, 2-(7-cyano-2-naphthalenyl)-1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2006:299292 Document No. 144:350701 Preparation of piperidinylpyridazine carboxamide derivatives as inhibitors of stearyl-CoA desaturase. Kamboj, Rajender; Zhang, Zaihui; Fu, Jian-Min; Sviridov, Serguei; Sun, Shaoyi; Seid Bagherzadeh, Mehran; Raina, Vandna; Hou, Duanjie; Chowdhury, Sultan; Liu, Shifeng; Kodumuru, Vishnumurthy; Chakka, Nagasree (Xenon Pharmaceuticals Inc., Can.). PCT Int. Appl. WO 2006/034338 A1 20060330, 82 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2005-US33808 20050920. PRIORITY: US 2004-611645P 20040920.

GI

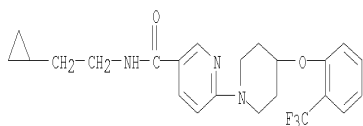


AB Title compds. represented by the formula I [wherein G = N(R4), O, S, SO, etc.; L, M = independently -N= or -C(R4)=; R2 = (hydroxy)alkyl, alkenyl, heterocyclyl, etc.; R3 = H, (cyclo)alkyl, alkenyl, aralkyl, etc.; R4 = independently H, F, Cl, alkyl, etc.; m, n = independently 0-3; J = N or (un)substituted C; V = a direct bond, (un)substituted amino, O, etc.; W = CO, O, (alkyl)amino, etc.; R5, R5a, R6, R6a, R7, R7a, R8, R8a = independently H or alkyl or R5R5a = O, etc.; and their stereoisomers, enantiomers, tautomers or mixture of stereoisomers, as pharmaceutically acceptable salts or prodrugs thereof] were prepared as stearyl-CoA desaturase (SCD) inhibitors. For example, II was provided in a multi-step synthesis starting from reaction of 1-Boc-4-piperidone with 2-aminobenzotrifluoride. I showed activity as inhibitors of SCD in the assay of incubation of mouse liver microsomes. Thus, I and their pharmaceutical compns. are useful as SCD inhibitors for the treatment of SCD-mediated disease or condition, such as type II diabetes, impaired glucose and insulin resistance (no data).

IT 881391-61-3P, 4-[(2-Trifluoromethylphenyl)oxy]-3,4,5,6-tetrahydro-2H-[1,2']bipyridinyl-5'-carboxylic acid N-(2-cyclopropylethyl)amide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (preparation of piperidinylpyridazine carboxamide derivs. as stearyl-CoA desaturase inhibitors)

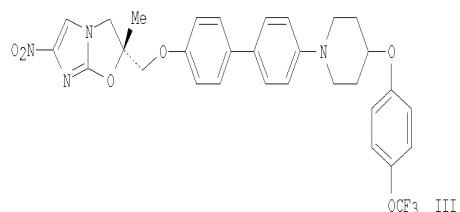
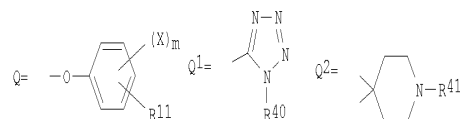
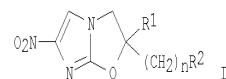
RN 881391-61-3 CAPLUS

CN 3-Pyridinecarboxamide, N-(2-cyclopropylethyl)-6-[4-[2-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2008 ACS ON STN  
 2005:1262333 Document No. 144:22949 Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents. Tsubochi, Hidetsugu; Sasaki, Hirofumi; Kuroda, Hideaki; Itotani, Motohiro; Hasegawa, Takeshi; Haraguchi, Yoshikazu; Kuroda, Takeshi; Matsuzaki, Takayuki; Tai, Kuninori; Komatsu, Makoto; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Seike, Yuji; Kawasaki, Masanori; Sumida, Takumi; Miyamura, Shin; Oguro, Kinue; Tanaka, Kazuo; Takemura, Isao (Ohtsuka Pharmaceutical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2005330266 A 20051202, 1050 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 2005-113726 20050411. PRIORITY: JP 2004-114975 20040409; JP 2004-125055 20040421.

GI



AB The title compds. [I; wherein R1 = H, C1-6 alkyl; n = an integer of 0-6; R2 = OR3, SR5, CO2R6, O2CNR7R8, Q, NR19R20, Q1; wherein R3 = H, C1-6 alkoxy, C1-6 alkoxy-C1-6 alkyl, (un)substituted phenyl-C1-6 alkoxy, biphenyl-C1-6 alkoxy, phenyl-C2-6 alkenyl, C1-6 alkylsulfonyl, etc.; R5 = tetrazolyl or phenyltetrazolyl optionally substituted by halo or C1-6 alkyl on phenyl; R6 = C1-6 alkyl; R7, R8 = H, C1-8 alkyl, halo-C1-6 alkyl, C1-6 alkoxycarbonyl-C1-6 alkyl, C3-8 cycloalkyl, phenyl-C1-6 alkyl, Ph, naphthyl, pyridyl, etc.; X = halo, amino-C1-6 alkyl, C1-6 alkylamino-C1-6 alkyl; R11 = H, C1-6 alkyl, halo-C1-6 alkyl, C1-6 alkoxy, halo-C1-6 alkoxy, etc.; m = an integer of 0-3; R40 = C1-6 alkyl, Ph, halophenyl; or R1 and -(CH2)nR2 may be united via a nitrogen atom to form together with the adjacent carbon atom a spiro ring represented by the general formula Q2; wherein R41 = H, C1-6 alkyl, phenyl-C1-6 alkyl, biphenyl-C1-6 alkyl,

(un)substituted Ph, etc.] or optical isomers thereof or pharmacol. acceptable salts thereof are prepared These compds. exhibit excellent bactericidal activity against Tubercle bacillus, multiple drug resistant T. bacillus, and atypical acid-fast bacteria, and are useful as antitubercular agents. Thus, 0.43 g (S)-1-(2-chloro-4-nitroimidazol-1-yl)-2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]propan-2-ol and 0.22 g 2-chloro-4-nitro-1H-imidazole were suspended in 4 mL MeCN, treated with 0.17 g NaHCO<sub>3</sub>, and refluxed for 9 h to give 31% (S)-1-(2-chloro-4-nitroimidazol-1-yl)-2-methyl-3-[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]propan-1-ol which (5.85 g) was dissolved in 150 mL THF, treated with 0.66 g NaH under ice-cooling and refluxed for 6 h to give 48% (S)-2-[[4-(4-trifluoromethoxyphenyl)piperazin-1-yl]methyl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole (II). II and compound (III) showed min. inhibitory concentration of 0.024 and 0.0015 µg/mL, resp., against Mycobacterium tuberculosis H37Rv.

IT 851682-71-8P

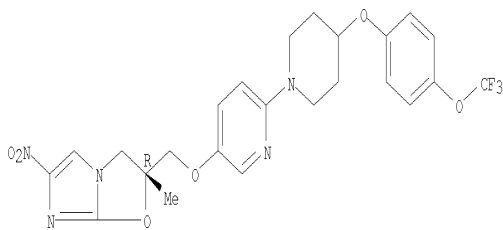
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents and antitubercular agents)

RN 851682-71-8 CAPLUS

CN Imidazo[2,1-b]oxazole, 2,3-dihydro-2-methyl-6-nitro-2-[[6-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-3-pyridinyl]oxy]methyl-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.

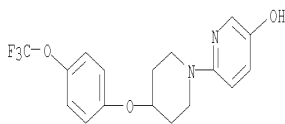


IT 851703-62-3

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles as antibacterial agents and antitubercular agents)

RN 851703-62-3 CAPLUS

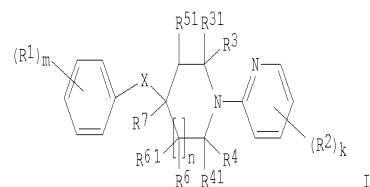
CN 3-Pyridinol, 6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 12 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2005:1103769 Document No. 143:386926 Preparation of N-(2-pyridyl)cyclic amine derivatives as pest control agents. Hamamoto, Isami; Takahashi, Jun; Yano, Makio; Hanai, Daisuke; Iwasa, Takao (Nippon Soda Co., Ltd., Japan). PCT Int. Appl. WO 2005095380 A1 20051013, 183 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IS, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2005-JP6887 20050330. PRIORITY: JP 2004-106668 20040331; JP 2004-374007 20041224.

GI



AB The title compds. (I) [R1 = HO, halo, cyano, NO<sub>2</sub>, CHO, each (un)substituted C1-6 alkyl, C1-6 alkoxy, NH<sub>2</sub>, or 5- or 6-membered heterocyclyl containing at least one heteroatom selected from O, N, and S, C2-6 alkenyl, C2-6 alkynyl, C1-6 haloalkyl, C1-6 haloalkenyl, C1-6 alkylcarbonyl, C1-6 haloalkoxy, C2-6 alkenyloxy, C2-6 haloalkenyloxy, C2-6 alkynyloxy, C1-6 alkylcarbonyloxy, C1-6 alkoxycarbonyloxy, C1-6 alkylthiocarbonyloxy, C1-6 alkylthio, C1-6 haloalkylthio, C1-6 alkylsulfanyl, C1-6 haloalkylsulfanyl, C1-6 alkylsulfonyle, etc.; m = 0-5; R2 = halo, NO<sub>2</sub>, C1-6 alkyl, C1-6 alkoxy, C1-6 haloalkyl, (un)substituted 5- or 6-membered heterocyclyl containing at least one heteroatom selected from O, N, and S; k = 0-4; R3, R31 R4, R41, R5, R51, R6, R61, R7 = H, C1-6 alkyl, C1-6 alkoxycarbonyl, C1-6 alkoxy; or R3 and R4 or R5 and R6 together form a saturated ring; X = O, S, S(O), S(O)<sub>2</sub>; n = 0, 1], salts, or N-oxide thereof are prepared Thus, a solution of 3.0 g 4-hydroxypiperidine and 5.4 g 2-chloro-5-trifluoromethylpyridine in 25 mL ethanol was treated with 4.5 g Et<sub>3</sub>N and refluxed overnight to give 5.98 g 1-[5-(trifluoromethyl)pyridin-2-yl]piperidin-4-ol (II). A solution of II 4.9, 5-hydroxy-2-nitrobenzotrifluoride 3.2, and Ph<sub>3</sub>P 5.6 g in 30 mL THF was treated dropwise with a solution of 4.3 g diisopropyl azodicarboxylate in 30 mL THF under ice-cooling, warmed to room temperature, and stirred for 3 h to give 5.98 g 4-[4-Nitro-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine (III). A solution of 5.7 g III in 300 mL ethanol was

Print selected from 10599388.trn

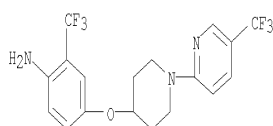
treated with 18.8 g zinc powder and 1.9 g CaCl<sub>2</sub>·2H<sub>2</sub>O and refluxed overnight to give 5.4 g 4-[4-Amino-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine (IV). IV at 125 ppm controlled 100% adult *Tetranychus urticae* on kidney bean leaf.

IT 866614-98-4P, 4-[4-Amino-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866615-02-3P, 4-[2-Methoxymethoxy-4-(trifluoromethyl)-phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-23-8P 866615-24-9P 866615-26-1P 866615-30-7P 866615-38-5P 866615-41-0P 866615-62-5P 866615-64-7P 866615-69-2P 866615-71-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)

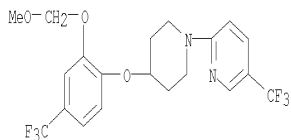
RN 866614-98-4 CAPLUS

CN Benzenamine, 2-(trifluoromethyl)-4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866615-02-3 CAPLUS

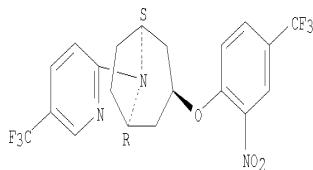
CN Pyridine, 2-[4-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-23-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-nitro-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

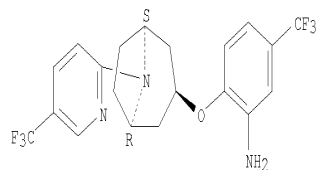


Print selected from 10599388.trn

RN 866615-24-9 CAPLUS

CN Benzenamine, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

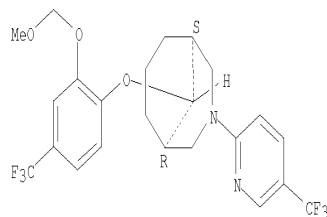
Relative stereochemistry.



RN 866615-26-1 CAPLUS

CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (9CI) (CA INDEX NAME)

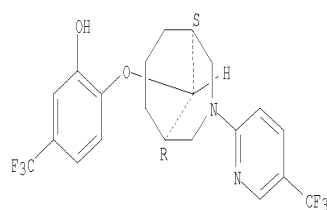
Relative stereochemistry.



RN 866615-30-7 CAPLUS

CN Phenol, 5-(trifluoromethyl)-2-[[[(9-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.3.1]non-9-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



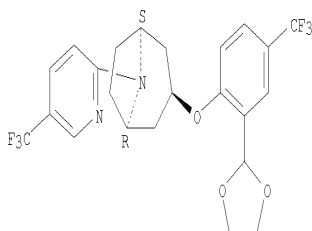
RN 866615-38-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1,3-dioxolan-2-yl)-4-

Print selected from 10599388.trn

(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

Relative stereochemistry.

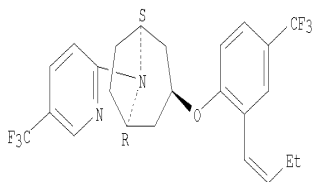


RN 866615-41-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-butenyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

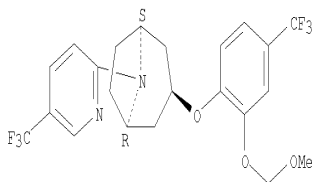
Double bond geometry unknown.



RN 866615-62-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

Relative stereochemistry.



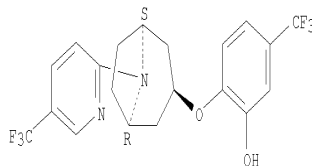
RN 866615-64-7 CAPLUS

CN Phenol, 5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-

Print selected from 10599388.trn

pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

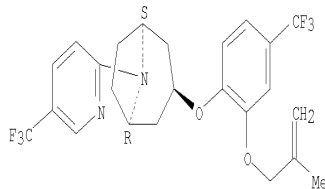
Relative stereochemistry.



RN 866615-69-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(9CI) (CA INDEX NAME)

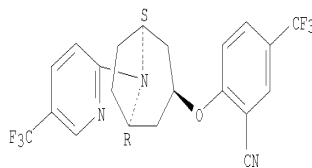
Relative stereochemistry.



RN 866615-71-6 CAPLUS

CN Benzonitrile, 5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



IT 866614-97-3P, 4-[4-Nitro-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866614-99-5P, 4-[4-Chloro-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866615-00-1P, 4-[4-Bromo-3-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]-piperidine 866615-01-2P, 4-[4-[Bis(methylsulfonyl)amino]-3-(trifluoromethyl)phenoxy]-1-[5-fluoromethyl-2-pyridyl]piperidine 866615-04-5P, 4-[2-Hydroxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-

Print selected from 10599388.trn

pyridyl]piperidine 866615-05-6P, 4-[2-Acetoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-07-8P, 2-Methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-12-5P 866615-19-2P 866615-20-5P 866615-25-0P 866615-31-8P 866615-32-9P 866615-34-1P, cis-3-Methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-37-4P 866615-42-1P, 4-[2-Propoxy-4-(trifluoromethyl)phenylsulfanyl]-1-[5-(trifluoromethyl)-2-pyridyl]piperidine 866615-54-5P 866615-60-3P 866615-68-1P 866615-70-5P 866615-73-8P 866615-79-4P 866615-80-7P 866615-81-8P 866615-82-9P 866615-83-0P 866615-84-1P 866615-85-2P 866615-86-3P 866615-87-4P 866615-88-5P 866615-89-6P 866615-90-9P 866615-91-0P 866615-92-1P 866615-93-2P 866615-94-3P 866615-95-4P 866615-96-5P 866615-97-6P 866615-98-7P 866615-99-8P 866616-00-4P 866616-01-5P 866616-02-6P 866616-03-7P 866616-04-8P 866616-05-9P 866616-06-0P 866616-07-1P 866616-08-2P 866616-09-3P 866616-10-6P 866616-11-7P 866616-12-8P 866616-13-9P 866616-14-0P 866616-15-1P 866616-16-2P 866616-17-3P 866616-18-4P 866616-19-5P 866616-20-8P 866616-21-9P 866616-22-0P 866616-23-1P 866616-24-2P 866616-25-3P 866616-26-4P 866616-27-5P 866616-28-6P 866616-29-7P 866616-30-0P 866616-31-1P 866616-32-2P 866616-33-3P 866616-34-4P 866616-35-5P 866616-36-6P 866616-37-7P 866616-38-8P 866616-39-9P 866616-40-2P 866616-41-3P 866616-42-4P 866616-43-5P 866616-44-6P 866616-45-7P 866616-46-8P 866616-47-9P 866616-48-0P 866616-49-1P 866616-50-4P 866616-51-5P 866616-52-6P 866616-53-7P 866616-54-8P 866616-55-9P 866616-56-0P 866616-57-1P 866616-58-2P 866616-59-3P 866616-60-6P 866616-61-7P 866616-62-8P 866616-63-9P 866616-64-0P 866616-65-1P 866616-66-2P 866616-67-3P 866616-68-4P 866616-69-5P 866616-70-8P 866616-71-9P 866616-72-0P 866616-73-1P 866616-74-2P 866616-75-3P 866616-76-4P 866616-77-5P 866616-78-6P 866616-79-7P 866616-80-0P 866616-81-1P 866616-82-2P 866616-83-3P 866616-84-4P 866616-85-5P 866616-86-6P 866616-87-7P 866616-88-8P 866616-89-9P 866616-90-2P 866616-91-3P 866616-92-4P 866616-93-5P 866616-94-6P 866616-95-7P 866616-96-8P 866616-97-9P 866616-98-0P 866616-99-1P 866617-00-7P 866617-01-8P 866617-02-9P 866617-03-0P 866617-04-1P 866617-05-2P 866617-06-3P 866617-07-4P 866617-08-5P 866617-09-6P 866617-10-9P 866617-11-0P 866617-12-1P

Print selected from 10599388.trn

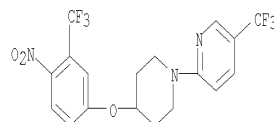
866617-13-2P 866617-14-3P 866617-15-4P 866617-16-5P 866617-17-6P 866617-18-7P 866617-19-8P 866617-20-1P 866617-21-2P 866617-22-3P 866617-23-4P 866617-24-5P 866617-25-6P 866617-26-7P 866617-27-8P 866617-28-9P 866617-29-0P 866617-30-3P 866617-31-4P 866617-32-5P 866617-33-6P 866617-34-7P 866617-35-8P 866617-36-9P 866617-37-0P 866617-38-1P 866617-39-2P 866617-40-5P 866617-41-6P 866617-42-7P 866617-43-8P 866617-44-9P 866617-45-0P 866617-46-1P 866617-47-2P 866617-48-3P 866617-49-4P 866617-50-7P 866617-51-8P 866617-52-9P 866617-53-0P 866617-54-1P 866617-55-2P 866617-56-3P 866617-57-4P 866617-58-5P 866617-59-6P 866617-60-9P 866617-61-0P 866617-62-1P 866617-63-2P 866617-64-3P 866617-65-4P 866617-66-5P 866617-67-6P 866617-68-7P 866617-69-8P 866617-70-1P 866617-71-2P 866617-72-3P 866617-73-4P 866617-74-5P 866617-75-6P 866617-76-7P 866617-77-8P 866617-78-9P 866617-80-3P 866617-82-5P 866617-83-6P 866617-84-7P 866617-85-8P 866617-86-9P 866617-87-0P 866617-88-1P 866617-89-2P 866617-90-5P 866617-91-6P 866617-92-7P 866617-93-8P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)

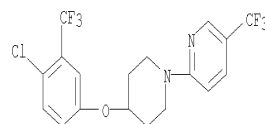
RN 866614-97-3 CAPLUS

CN Pyridine, 2-[4-[4-nitro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



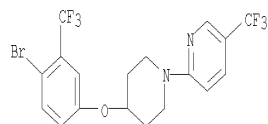
RN 866614-99-5 CAPLUS

CN Pyridine, 2-[4-[4-chloro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

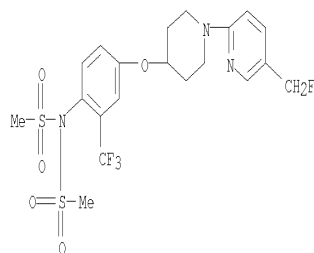


Print selected from 10599388.trn

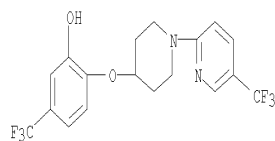
RN 866615-00-1 CAPLUS  
CN Pyridine, 2-[4-[4-bromo-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-01-2 CAPLUS  
CN Methanesulfonamide, N-[4-[[1-[5-(fluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-2-(trifluoromethyl)phenyl]-N-(methylsulfonyl)- (CA INDEX NAME)

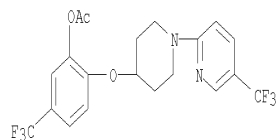


RN 866615-04-5 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)

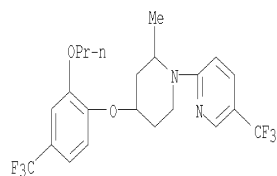


RN 866615-05-6 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

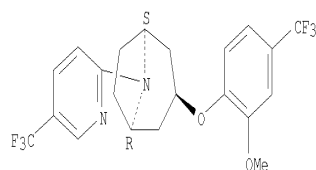


RN 866615-07-8 CAPLUS  
CN Pyridine, 2-[2-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



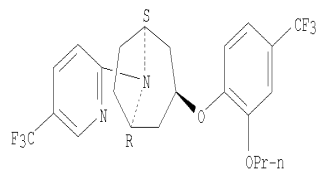
RN 866615-12-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-methoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866615-19-2 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



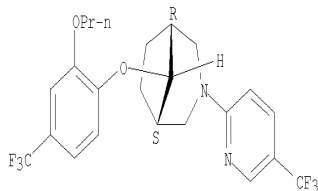


Print selected from 10599388.trn

RN 866615-20-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

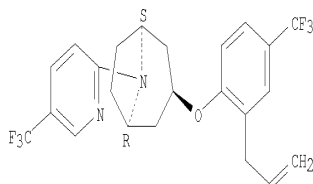
Relative stereochemistry.



RN 866615-25-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

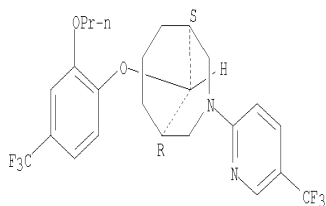
Relative stereochemistry.



RN 866615-31-8 CAPLUS

CN 3-Azabicyclo[3.3.1]nonane, 9-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

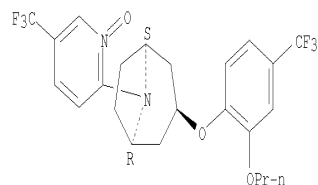


RN 866615-32-9 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-[1-oxido-5-(trifluoromethyl)-2-pyridinyl]-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Print selected from 10599388.trn

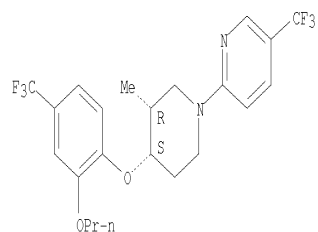
Relative stereochemistry.



RN 866615-34-1 CAPLUS

CN Pyridine, 2-[(3R,4S)-3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

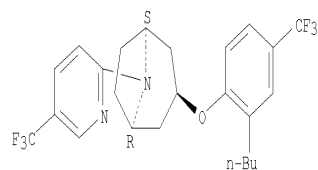
Relative stereochemistry.



RN 866615-37-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-butyl-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

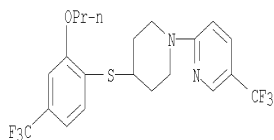
Relative stereochemistry.



RN 866615-42-1 CAPLUS

CN Pyridine, 2-[4-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

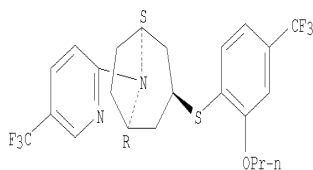
Print selected from 10599388.trn



RN 866615-54-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[(2-propoxy-4-(trifluoromethyl)phenyl)thio]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

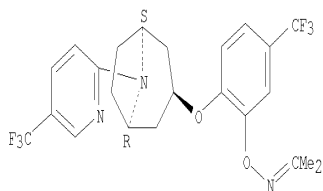
Relative stereochemistry.



RN 866615-60-3 CAPLUS

CN 2-Propanone, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.

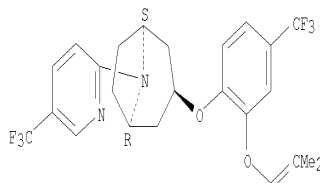


RN 866615-68-1 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-methyl-1-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

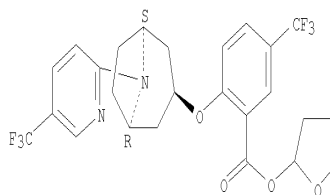
Print selected from 10599388.trn



RN 866615-70-5 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, tetrahydro-2-furanyl ester (CA INDEX NAME)

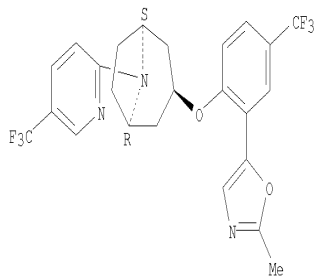
Relative stereochemistry.



RN 866615-73-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methyl-5-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

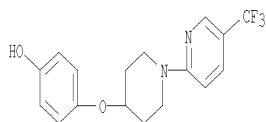
Relative stereochemistry.



RN 866615-79-4 CAPLUS

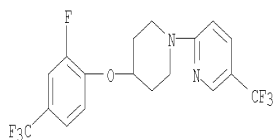
CN Phenol, 4-[[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)

Print selected from 10599388.trn



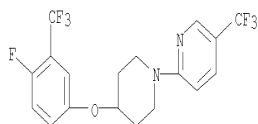
RN 866615-80-7 CAPLUS

CN Pyridine, 2-[4-[2-fluoro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



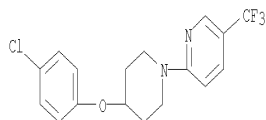
RN 866615-81-8 CAPLUS

CN Pyridine, 2-[4-[4-fluoro-3-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-82-9 CAPLUS

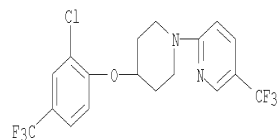
CN Pyridine, 2-[4-(4-chlorophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-83-0 CAPLUS

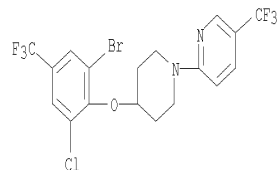
CN Pyridine, 2-[4-[2-chloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



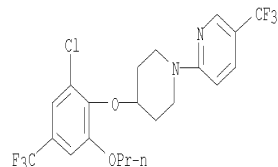
RN 866615-84-1 CAPLUS

CN Pyridine, 2-[4-[2-bromo-6-chloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



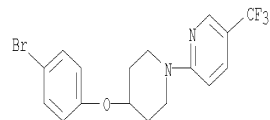
RN 866615-85-2 CAPLUS

CN Pyridine, 2-[4-[2-chloro-6-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-86-3 CAPLUS

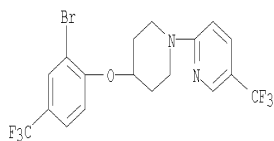
CN Pyridine, 2-[4-(4-bromophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-87-4 CAPLUS

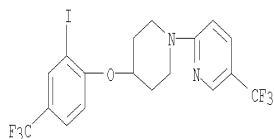
CN Pyridine, 2-[4-[2-bromo-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



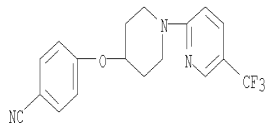
RN 866615-88-5 CAPLUS

CN Pyridine, 2-[4-[2-iodo-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



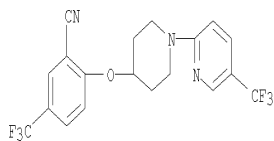
RN 866615-89-6 CAPLUS

CN Benzonitrile, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866615-90-9 CAPLUS

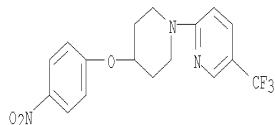
CN Benzonitrile, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866615-91-0 CAPLUS

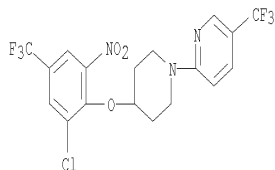
CN Pyridine, 2-[4-(4-nitrophenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



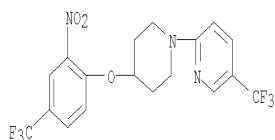
RN 866615-92-1 CAPLUS

CN Pyridine, 2-[4-[2-chloro-6-nitro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



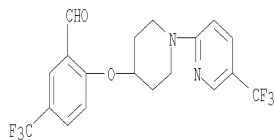
RN 866615-93-2 CAPLUS

CN Pyridine, 2-[4-[2-nitro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-94-3 CAPLUS

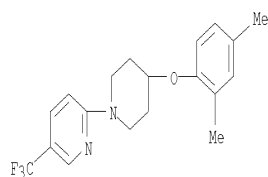
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



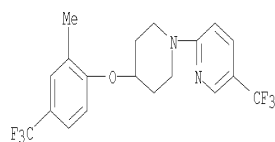
RN 866615-95-4 CAPLUS

CN Pyridine, 2-[4-(2,4-dimethylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

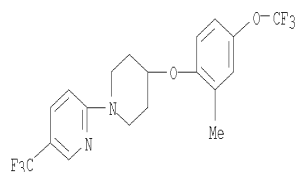
Print selected from 10599388.trn



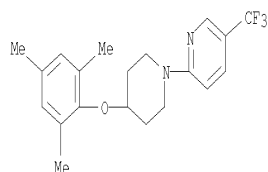
RN 866615-96-5 CAPLUS  
CN Pyridine, 2-[4-[2-methyl-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866615-97-6 CAPLUS  
CN Pyridine, 2-[4-[2-methyl-4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

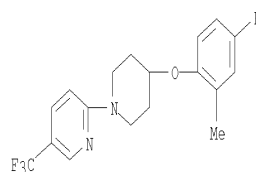


RN 866615-98-7 CAPLUS  
CN Pyridine, 5-(trifluoromethyl)-2-[4-(2,4,6-trimethylphenoxy)-1-piperidinyl]- (CA INDEX NAME)

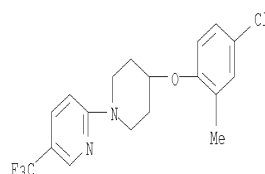


Print selected from 10599388.trn

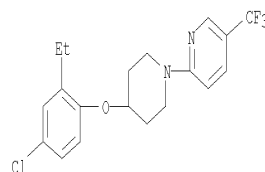
RN 866615-99-8 CAPLUS  
CN Pyridine, 2-[4-(4-fluoro-2-methylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-00-4 CAPLUS  
CN Pyridine, 2-[4-(4-chloro-2-methylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



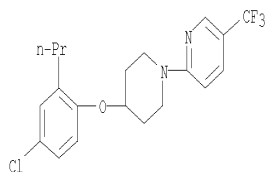
RN 866616-01-5 CAPLUS  
CN Pyridine, 2-[4-(4-chloro-2-ethylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



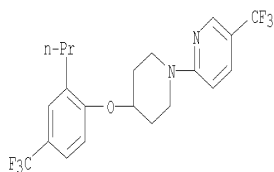
RN 866616-02-6 CAPLUS  
CN Pyridine, 2-[4-(4-chloro-2-propylphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



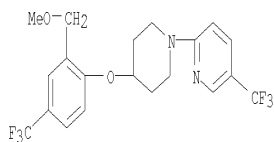
Print selected from 10599388.trn



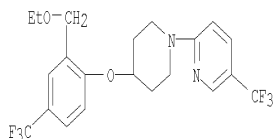
RN 866616-03-7 CAPLUS  
CN Pyridine, 2-[4-[2-propyl-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-04-8 CAPLUS  
CN Pyridine, 2-[4-[2-(methoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

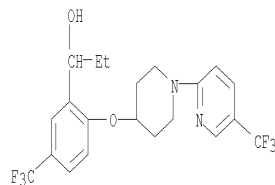


RN 866616-05-9 CAPLUS  
CN Pyridine, 2-[4-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

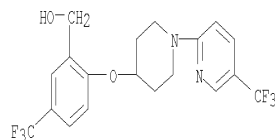


RN 866616-06-0 CAPLUS  
CN Benzenemethanol,  $\alpha$ -ethyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)

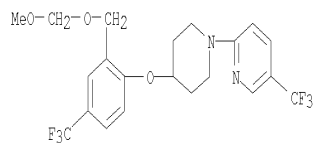
Print selected from 10599388.trn



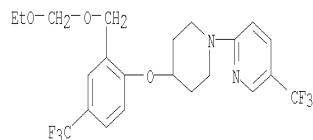
RN 866616-07-1 CAPLUS  
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866616-08-2 CAPLUS  
CN Pyridine, 2-[4-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



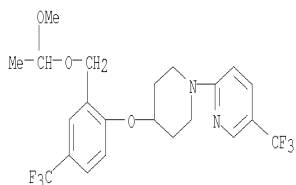
RN 866616-09-3 CAPLUS  
CN Pyridine, 2-[4-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-10-6 CAPLUS

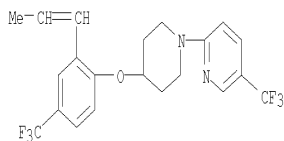
Print selected from 10599388.trn

CN Pyridine, 2-[4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



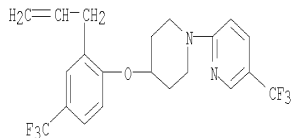
RN 866616-11-7 CAPLUS

CN Pyridine, 2-[4-[2-(1-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



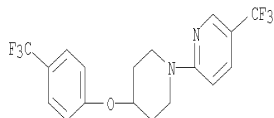
RN 866616-12-8 CAPLUS

CN Pyridine, 2-[4-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 866616-13-9 CAPLUS

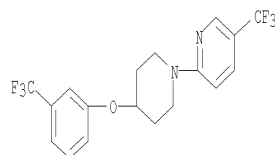
CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



Print selected from 10599388.trn

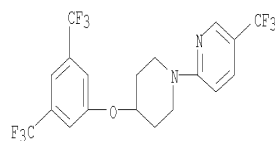
RN 866616-14-0 CAPLUS

CN Pyridine, 5-(trifluoromethyl)-2-[4-[3-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



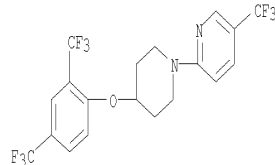
RN 866616-15-1 CAPLUS

CN Pyridine, 2-[4-[3,5-bis(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



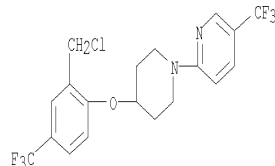
RN 866616-16-2 CAPLUS

CN Pyridine, 2-[4-[2,4-bis(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



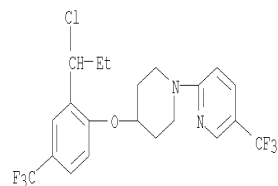
RN 866616-17-3 CAPLUS

CN Pyridine, 2-[4-[2-(chloromethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

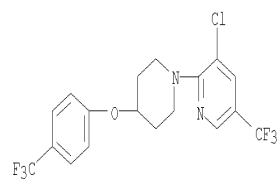


Print selected from 10599388.trn

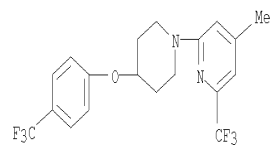
RN 866616-18-4 CAPLUS  
CN Pyridine, 2-[4-[2-(1-chloropropyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-19-5 CAPLUS  
CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

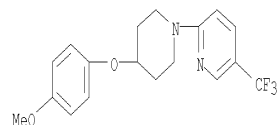


RN 866616-20-8 CAPLUS  
CN Pyridine, 4-methyl-2-(trifluoromethyl)-6-[4-[4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

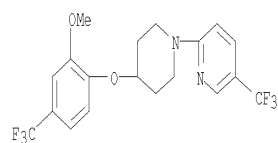


RN 866616-21-9 CAPLUS  
CN Pyridine, 2-[4-(4-methoxyphenoxy)-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

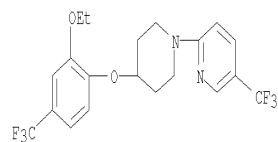
Print selected from 10599388.trn



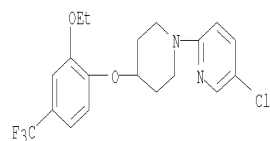
RN 866616-22-0 CAPLUS  
CN Pyridine, 2-[4-[2-methoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-23-1 CAPLUS  
CN Pyridine, 2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



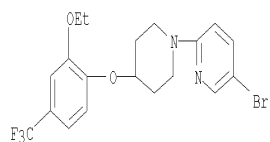
RN 866616-24-2 CAPLUS  
CN Pyridine, 5-chloro-2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 866616-25-3 CAPLUS  
CN Pyridine, 5-bromo-2-[4-[2-ethoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

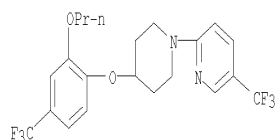


Print selected from 10599388.trn



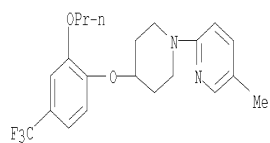
RN 866616-26-4 CAPLUS

CN Pyridine, 2-[4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



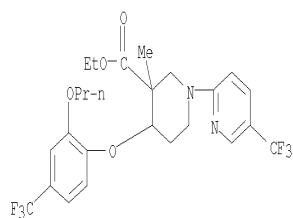
RN 866616-27-5 CAPLUS

CN Pyridine, 5-methyl-2-[4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 866616-28-6 CAPLUS

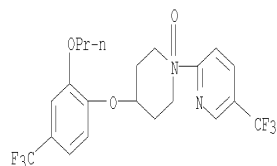
CN 3-Piperidinecarboxylic acid, 3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-[5-(trifluoromethyl)-2-pyridinyl]-, ethyl ester (CA INDEX NAME)



RN 866616-29-7 CAPLUS

Print selected from 10599388.trn

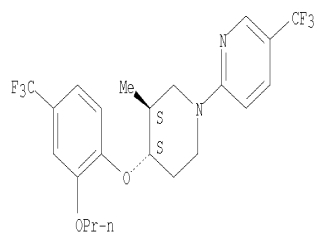
CN Pyridine, 2-[1-oxido-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-30-0 CAPLUS

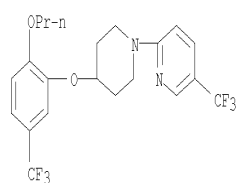
CN Pyridine, 2-[(3R,4R)-3-methyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 866616-31-1 CAPLUS

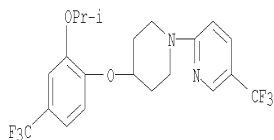
CN Pyridine, 2-[4-[2-propoxy-5-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



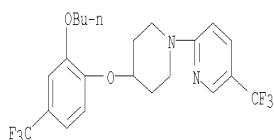
RN 866616-32-2 CAPLUS

CN Pyridine, 2-[4-[2-(1-methylethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

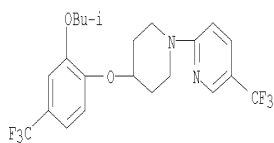
Print selected from 10599388.trn



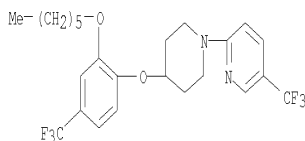
RN 866616-33-3 CAPLUS  
CN Pyridine, 2-[4-[2-butoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-34-4 CAPLUS  
CN Pyridine, 2-[4-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

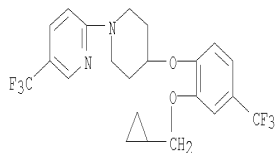


RN 866616-35-5 CAPLUS  
CN Pyridine, 2-[4-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

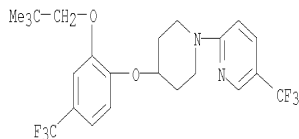


RN 866616-36-6 CAPLUS  
CN Pyridine, 2-[4-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

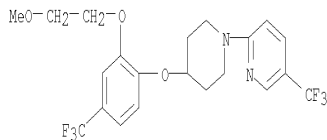
Print selected from 10599388.trn



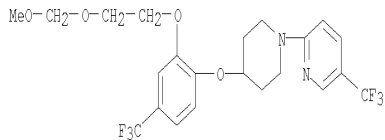
RN 866616-37-7 CAPLUS  
CN Pyridine, 2-[4-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-38-8 CAPLUS  
CN Pyridine, 2-[4-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

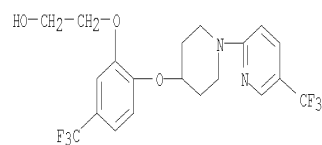


RN 866616-39-9 CAPLUS  
CN Pyridine, 2-[4-[2-(2-methoxymethoxy)ethoxy]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



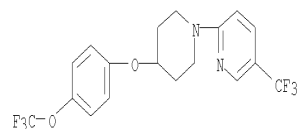
RN 866616-40-2 CAPLUS  
CN Ethanol, 2-[5-(trifluoromethyl)-2-[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenoxy]- (CA INDEX NAME)

Print selected from 10599388.trn



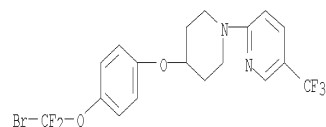
RN 866616-41-3 CAPLUS

CN Pyridine, 2-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



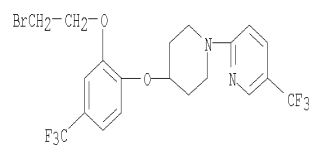
RN 866616-42-4 CAPLUS

CN Pyridine, 2-[4-[4-(bromodifluoromethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-43-5 CAPLUS

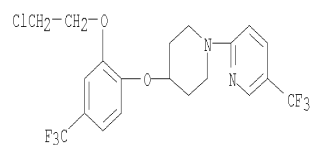
CN Pyridine, 2-[4-[2-(2-bromoethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-44-6 CAPLUS

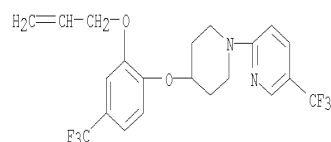
CN Pyridine, 2-[4-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



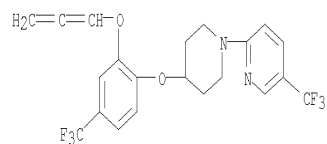
RN 866616-45-7 CAPLUS

CN Pyridine, 2-[4-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



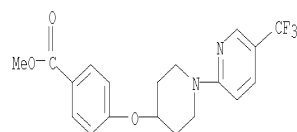
RN 866616-46-8 CAPLUS

CN Pyridine, 2-[4-[2-(1,2-propadienyloxy)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 866616-47-9 CAPLUS

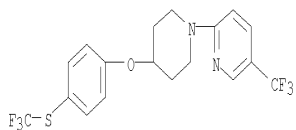
CN Benzoic acid, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, methyl ester (CA INDEX NAME)



RN 866616-48-0 CAPLUS

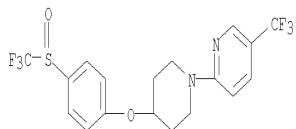
CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-[(trifluoromethyl)thio]phenoxy]-1-piperidinyl]- (CA INDEX NAME)

Print selected from 10599388.trn



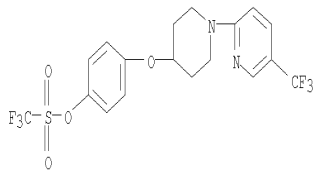
RN 866616-49-1 CAPLUS

CN Pyridine, 5-(trifluoromethyl)-2-[4-[4-((trifluoromethyl)sulfinyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



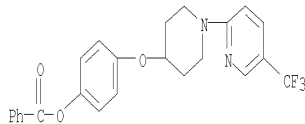
RN 866616-50-4 CAPLUS

CN Methanesulfonic acid, trifluoro-, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl ester (9CI) (CA INDEX NAME)



RN 866616-51-5 CAPLUS

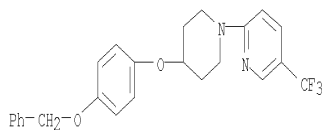
CN Phenol, 4-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]-, benzoate (ester) (9CI) (CA INDEX NAME)



RN 866616-52-6 CAPLUS

CN Pyridine, 2-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

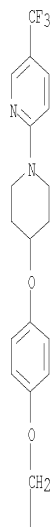
Print selected from 10599388.trn



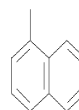
RN 866616-53-7 CAPLUS

CN Pyridine, 2-[4-[4-(1-naphthalenylmethoxy)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

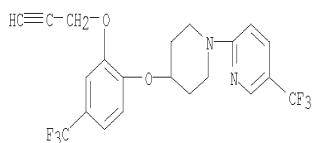


RN 866616-54-8 CAPLUS

CN Pyridine, 2-[4-[4-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-1-

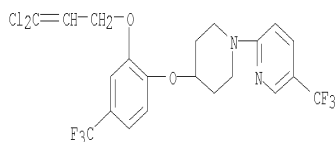
Print selected from 10599388.trn

piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



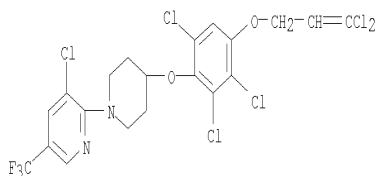
RN 866616-55-9 CAPLUS

CN Pyridine, 2-[4-[2-[(3,3-dichloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



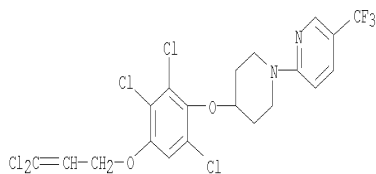
RN 866616-56-0 CAPLUS

CN Pyridine, 3-chloro-2-[4-[2,3,6-trichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 866616-57-1 CAPLUS

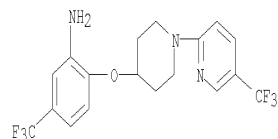
CN Pyridine, 2-[4-[2,3,6-trichloro-4-[(3,3-dichloro-2-propenyl)oxy]phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (9CI) (CA INDEX NAME)



Print selected from 10599388.trn

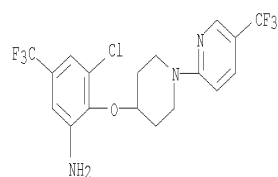
RN 866616-58-2 CAPLUS

CN Benzenamine, 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



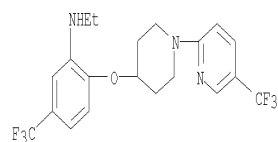
RN 866616-59-3 CAPLUS

CN Benzenamine, 3-chloro-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



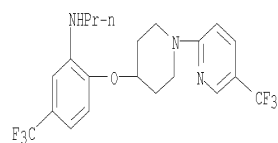
RN 866616-60-6 CAPLUS

CN Benzenamine, N-ethyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 866616-61-7 CAPLUS

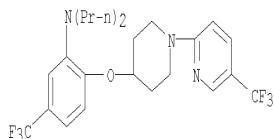
CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



Print selected from 10599388.trn

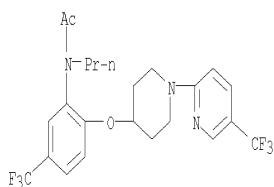
RN 866616-62-8 CAPLUS

CN Benzenamine, N,N-dipropyl-5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]- (CA INDEX NAME)



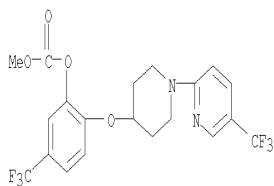
RN 866616-63-9 CAPLUS

CN Acetamide, N-propyl-N-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 866616-64-0 CAPLUS

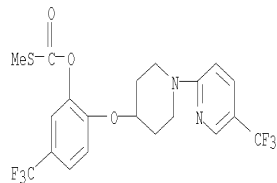
CN Carbonic acid, methyl 5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl ester (9CI) (CA INDEX NAME)



RN 866616-65-1 CAPLUS

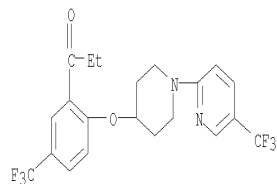
CN Carbonothioic acid, S-methyl O-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl] ester (CA INDEX NAME)

Print selected from 10599388.trn



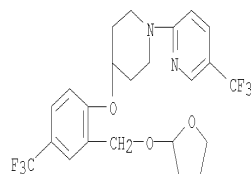
RN 866616-66-2 CAPLUS

CN 1-Propanone, 1-[5-(trifluoromethyl)-2-[[1-[5-(trifluoromethyl)-2-pyridinyl]-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 866616-67-3 CAPLUS

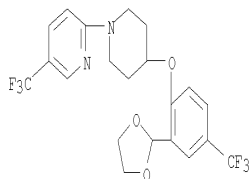
CN Pyridine, 2-[4-[2-[[[tetrahydro-2-furanyl]oxy]methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-68-4 CAPLUS

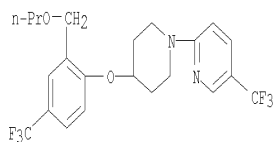
CN Pyridine, 2-[4-[2-(1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

Print selected from 10599388.trn



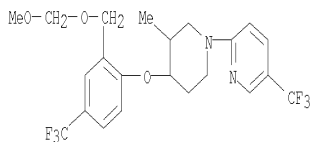
RN 866616-69-5 CAPLUS

CN Pyridine, 2-[4-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



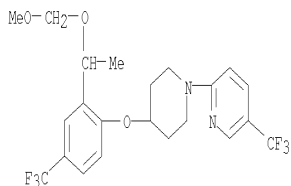
RN 866616-70-8 CAPLUS

CN Pyridine, 2-[4-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-71-9 CAPLUS

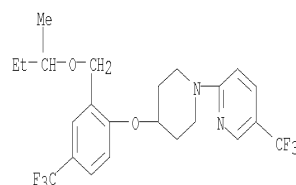
CN Pyridine, 2-[4-[2-[1-(methoxymethoxy)ethyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-72-0 CAPLUS

Print selected from 10599388.trn

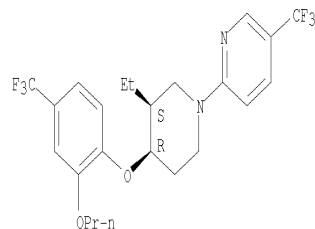
CN Pyridine, 2-[4-[2-[(1-methylpropoxy)methyl]-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866616-73-1 CAPLUS

CN Pyridine, 2-[(3R,4S)-3-ethyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

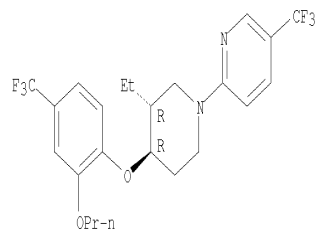
Relative stereochemistry.



RN 866616-74-2 CAPLUS

CN Pyridine, 2-[(3R,4R)-3-ethyl-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



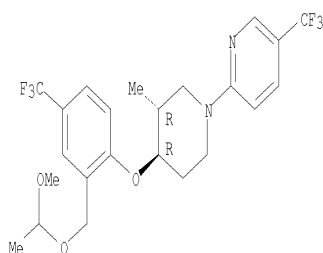
RN 866616-75-3 CAPLUS

CN Pyridine, 2-[(3R,4R)-4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Print selected from 10599388.trn

rel- (CA INDEX NAME)

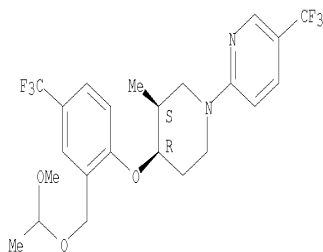
Relative stereochemistry.



RN 866616-76-4 CAPLUS

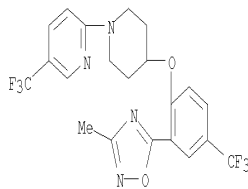
CN Pyridine, 2-[(3R,4S)-4-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-methyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

Relative stereochemistry.



RN 866616-77-5 CAPLUS

CN Pyridine, 2-[4-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

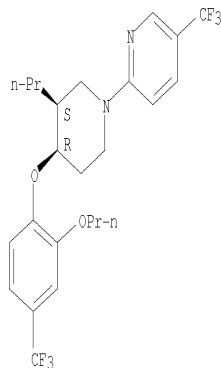


Print selected from 10599388.trn

RN 866616-78-6 CAPLUS

CN Pyridine, 2-[(3R,4S)-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-propyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

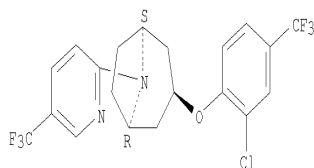
Relative stereochemistry.



RN 866616-79-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

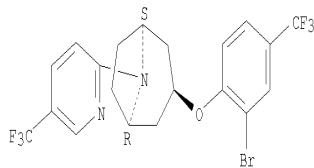
Relative stereochemistry.



RN 866616-80-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-bromo-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



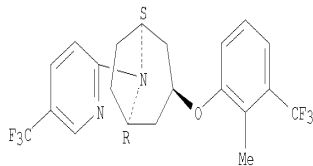


Print selected from 10599388.trn

RN 866616-81-1 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-methyl-3-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

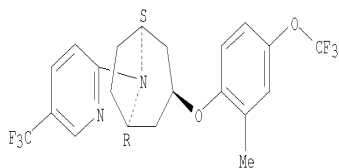
Relative stereochemistry.



RN 866616-82-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-methyl-4-(trifluoromethoxy)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

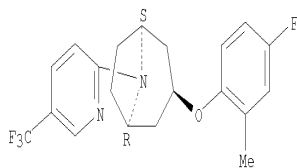
Relative stereochemistry.



RN 866616-83-3 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-(4-fluoro-2-methylphenoxy)-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

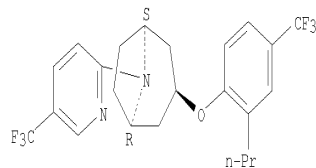


RN 866616-84-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-propyl-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

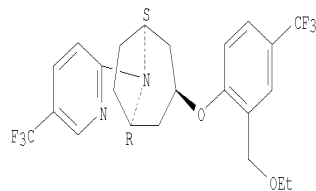
Print selected from 10599388.trn



RN 866616-85-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

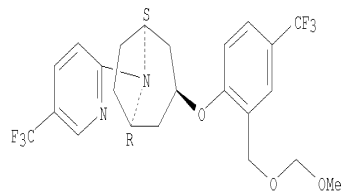
Relative stereochemistry.



RN 866616-86-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

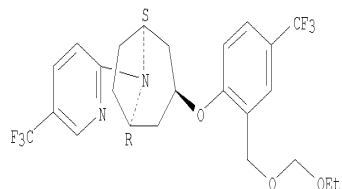


RN 866616-87-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

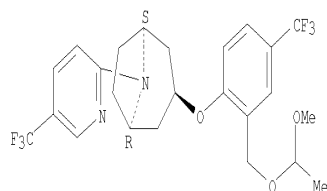
Relative stereochemistry.

Print selected from 10599388.trn



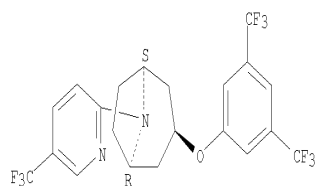
RN 866616-88-8 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866616-89-9 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[3,5-bis(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

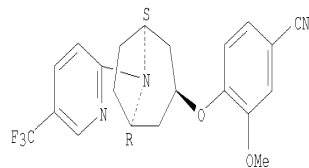
Relative stereochemistry.



RN 866616-90-2 CAPLUS  
CN Benzonitrile, 3-methoxy-4-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

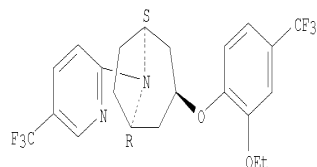
Relative stereochemistry.

Print selected from 10599388.trn



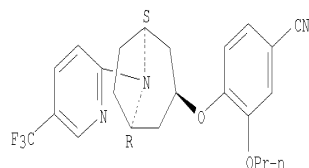
RN 866616-91-3 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-ethoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



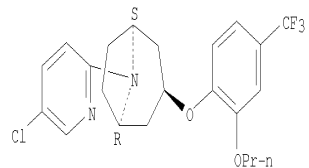
RN 866616-92-4 CAPLUS  
CN Benzonitrile, 3-propoxy-4-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866616-93-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 8-(5-chloro-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

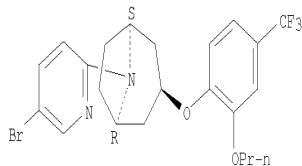


Print selected from 10599388.trn

RN 866616-94-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-(5-bromo-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

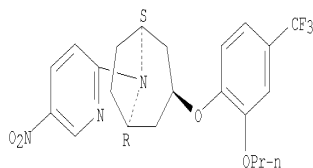
Relative stereochemistry.



RN 866616-95-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-(5-nitro-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

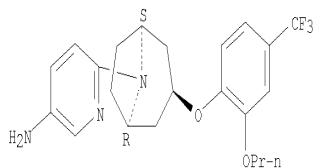
Relative stereochemistry.



RN 866616-96-8 CAPLUS

CN 3-Pyridinamine, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

Relative stereochemistry.

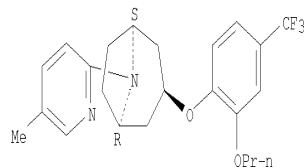


RN 866616-97-9 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-(5-methyl-2-pyridinyl)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

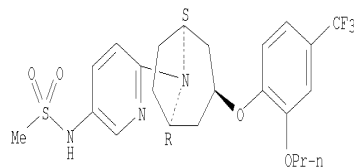
Print selected from 10599388.trn



RN 866616-98-0 CAPLUS

CN Methanesulfonamide, N-[6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]-3-pyridinyl]- (CA INDEX NAME)

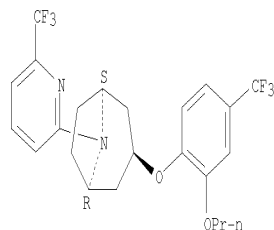
Relative stereochemistry.



RN 866616-99-1 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[6-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

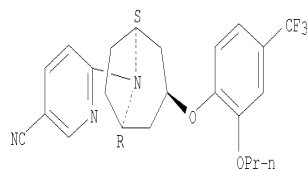


RN 866617-00-7 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]- (CA INDEX NAME)

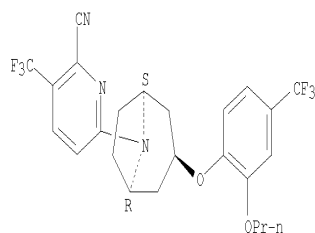
Relative stereochemistry.

Print selected from 10599388.trn



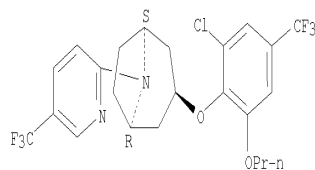
RN 866617-01-8 CAPLUS  
CN 2-Pyridinecarbonitrile, 6-[(3-endo)-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-azabicyclo[3.2.1]oct-8-yl]-3-(trifluoromethyl)-  
(CA INDEX NAME)

Relative stereochemistry.



RN 866617-02-9 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-chloro-6-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

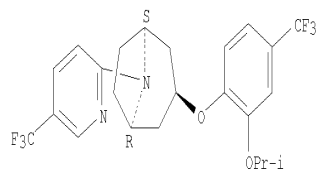
Relative stereochemistry.



RN 866617-03-0 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methylethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

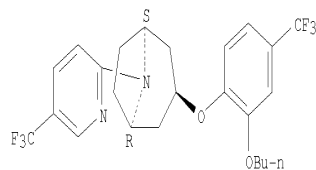
Relative stereochemistry.

Print selected from 10599388.trn



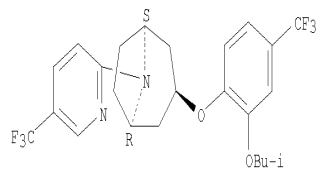
RN 866617-04-1 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-butoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-05-2 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

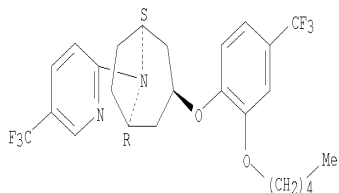
Relative stereochemistry.



RN 866617-06-3 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(pentyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

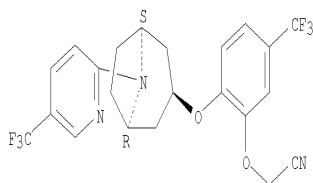
Relative stereochemistry.

Print selected from 10599388.trn



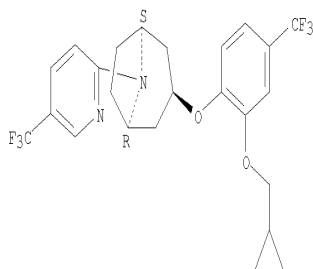
RN 866617-07-4 CAPLUS  
CN Acetonitrile, [5-(trifluoromethyl)-2-[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866617-08-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

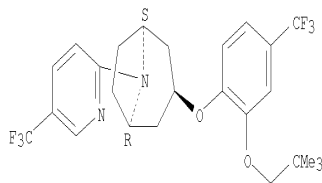
Relative stereochemistry.



RN 866617-09-6 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-dimethylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

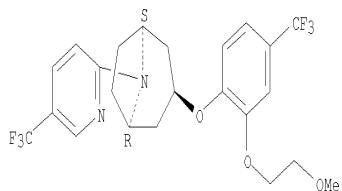
Print selected from 10599388.trn

Relative stereochemistry.



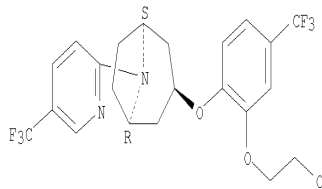
RN 866617-10-9 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-11-0 CAPLUS  
CN Ethanol, 2-[5-(trifluoromethyl)-2-[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

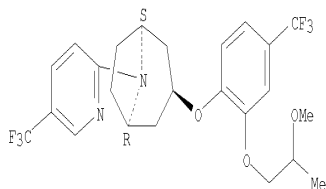
Relative stereochemistry.



RN 866617-12-1 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

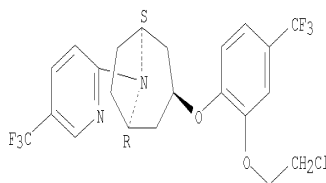
Print selected from 10599388.trn



RN 866617-13-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

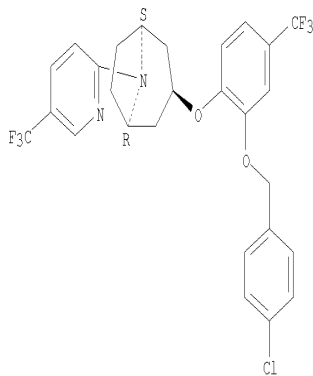
Relative stereochemistry.



RN 866617-14-3 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(4-chlorophenyl)methoxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

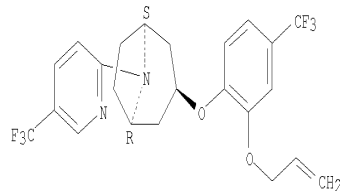


RN 866617-15-4 CAPLUS

Print selected from 10599388.trn

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

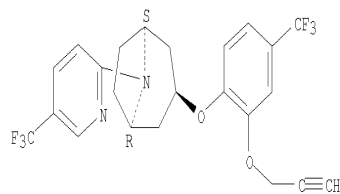
Relative stereochemistry.



RN 866617-16-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

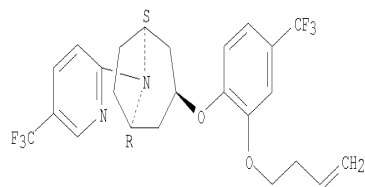
Relative stereochemistry.



RN 866617-17-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-butenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

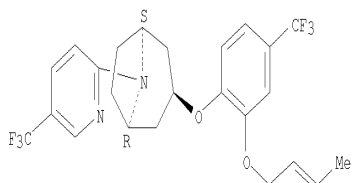


RN 866617-18-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-butenyloxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

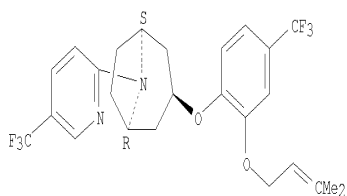
Print selected from 10599388.trn

Relative stereochemistry.  
Double bond geometry unknown.



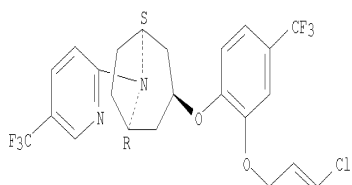
RN 866617-19-8 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(3-methyl-2-butenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866617-20-1 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(3-chloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(9CI) (CA INDEX NAME)

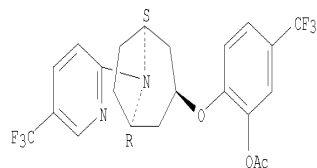
Relative stereochemistry.  
Double bond geometry unknown.



RN 866617-21-2 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

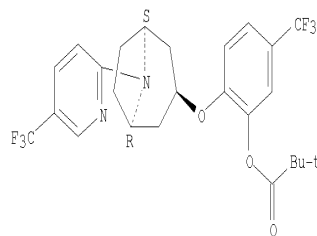
Print selected from 10599388.trn

Relative stereochemistry.



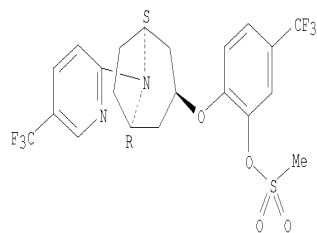
RN 866617-22-3 CAPLUS  
CN Propanoic acid, 2,2-dimethyl-, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



RN 866617-23-4 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

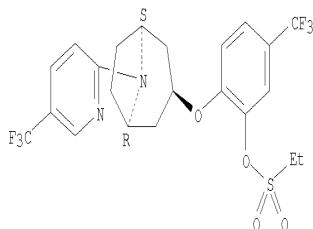
Relative stereochemistry.



RN 866617-24-5 CAPLUS  
CN Ethanesulfonic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (CA INDEX NAME)

Print selected from 10599388.trn

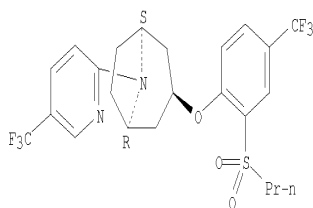
Relative stereochemistry.



RN 866617-25-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propylsulfonyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

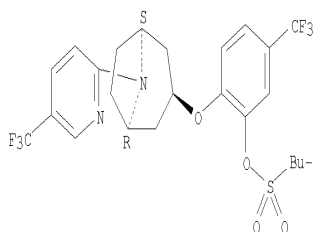
Relative stereochemistry.



RN 866617-26-7 CAPLUS

CN 1-Butanesulfonic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (CA INDEX NAME)

Relative stereochemistry.

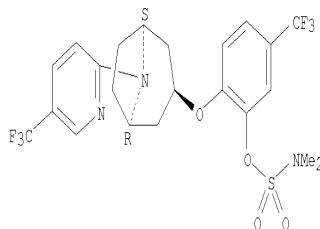


RN 866617-27-8 CAPLUS

Print selected from 10599388.trn

CN Sulfamic acid, dimethyl-, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (9CI) (CA INDEX NAME)

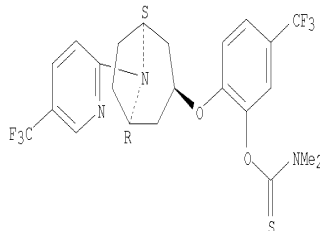
Relative stereochemistry.



RN 866617-28-9 CAPLUS

CN Carbamothioic acid, dimethyl-, 0-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (9CI) (CA INDEX NAME)

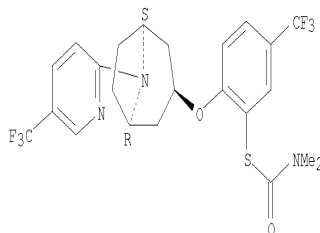
Relative stereochemistry.



RN 866617-29-0 CAPLUS

CN Carbamothioic acid, dimethyl-, S-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



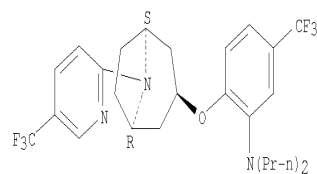


Print selected from 10599388.trn

RN 866617-30-3 CAPLUS

CN Benzenamine, N,N-dipropyl-5-(trifluoromethyl)-2-[[[3-endo]-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

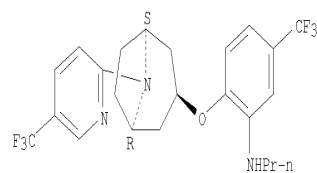
Relative stereochemistry.



RN 866617-31-4 CAPLUS

CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

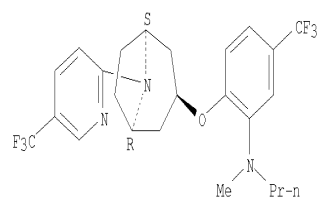
Relative stereochemistry.



RN 866617-32-5 CAPLUS

Benzenamine, N-methyl-N-propyl-5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



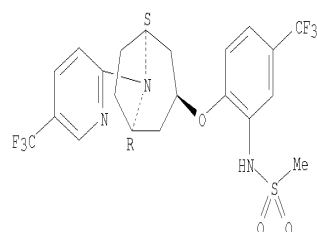
RN 866617-33-6 CAPLUS

CN Methanesulfonamide, N-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-

Print selected from 10599388.trn

{CA INDEX NAME}

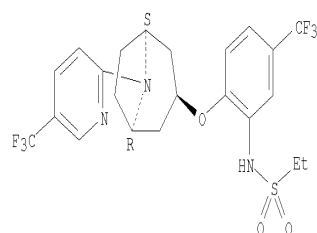
Relative stereochemistry.



RN 866617-34-7 CAPLUS

CN Ethanesulfonamide, N-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-  
(CA INDEX NAME)

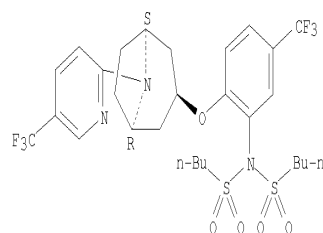
Relative stereochemistry.



RN 866617-35-8 CAPLUS

CN 1-butanesulfonamide, N-(butylsulfonyl)-N-[5-(trifluoromethyl)-2-[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]- (CA INDEX NAME)

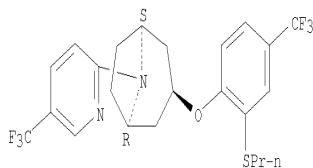
Relative stereochemistry.



Print selected from 10599388.trn

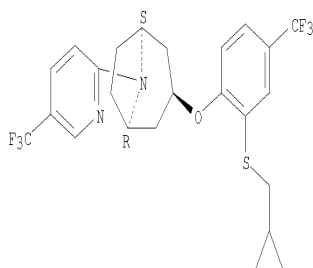
RN 866617-36-9 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propylthio)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



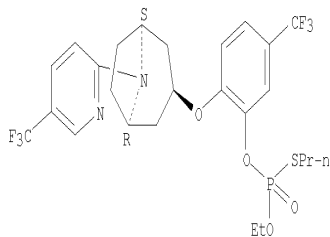
RN 866617-37-0 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(cyclopropylmethyl)thio]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-38-1 CAPLUS  
CN Phosphorothioic acid, O-ethyl S-propyl O-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl] ester (CA INDEX NAME)

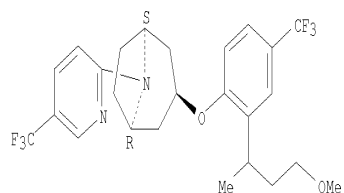
Relative stereochemistry.



Print selected from 10599388.trn

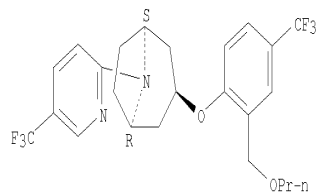
RN 866617-39-2 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxy-1-methylpropyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



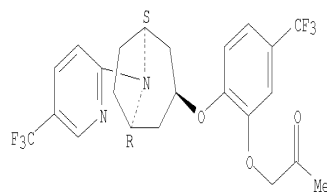
RN 866617-40-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-41-6 CAPLUS  
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.

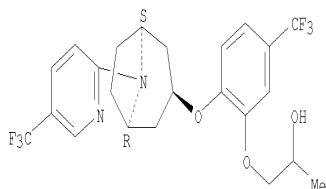


RN 866617-42-7 CAPLUS  
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

Print selected from 10599388.trn

pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

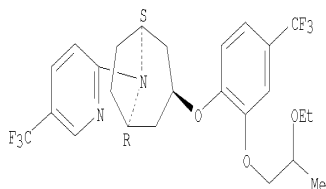
Relative stereochemistry.



RN 866617-43-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-ethoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

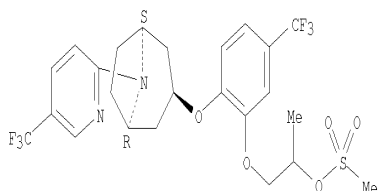
Relative stereochemistry.



RN 866617-44-9 CAPLUS

CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]-, methanesulfonate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.

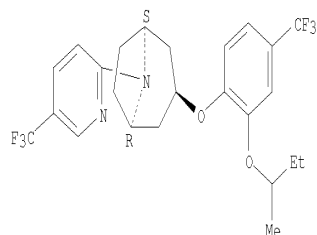


RN 866617-45-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methylpropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Print selected from 10599388.trn

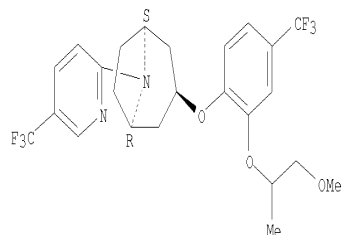
Relative stereochemistry.



RN 866617-46-1 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxy-1-methylethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

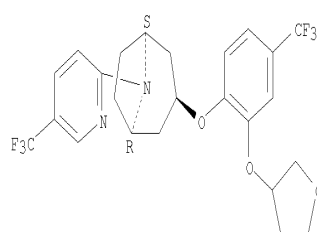
Relative stereochemistry.



RN 866617-47-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(tetrahydro-3-furanyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-(CA INDEX NAME)

Relative stereochemistry.

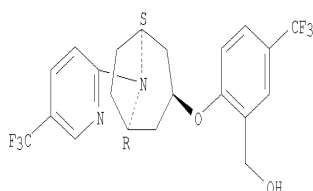


RN 866617-48-3 CAPLUS

Print selected from 10599388.trn

CN Benzenemethanol, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

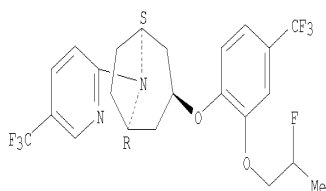
Relative stereochemistry.



RN 866617-49-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-fluoropropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

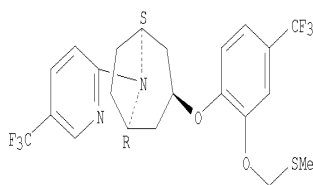
Relative stereochemistry.



RN 866617-50-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(methylthio)methoxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

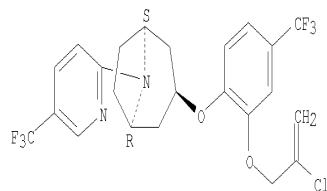


RN 866617-51-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(2-chloro-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

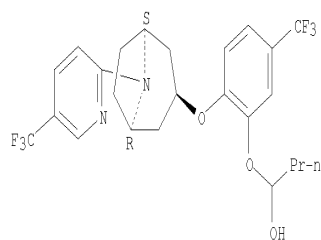
Relative stereochemistry.



RN 866617-52-9 CAPLUS

CN 1-Butanol, 1-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]- (CA INDEX NAME)

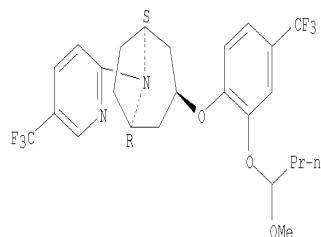
Relative stereochemistry.



RN 866617-53-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(1-methoxybutoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



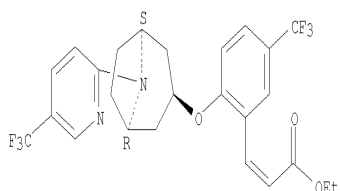
RN 866617-54-1 CAPLUS

CN 2-Propenoic acid, 3-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

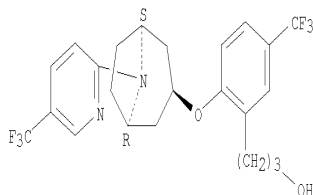
ethyl ester (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.



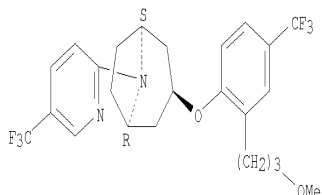
RN 866617-55-2 CAPLUS  
CN Benzenepropanol, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-56-3 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxypropyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

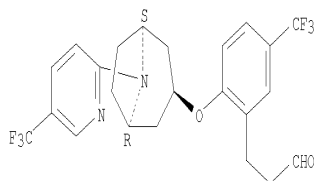
Relative stereochemistry.



RN 866617-57-4 CAPLUS  
CN Benzenepropanal, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

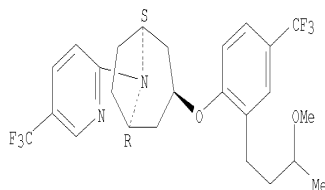
Print selected from 10599388.trn

Relative stereochemistry.



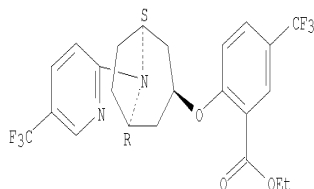
RN 866617-58-5 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methoxybutyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.



RN 866617-59-6 CAPLUS  
CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, ethyl ester (CA INDEX NAME)

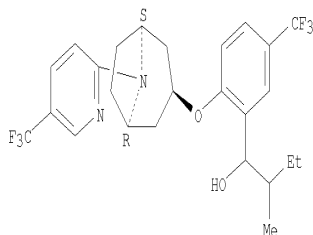
Relative stereochemistry.



RN 866617-60-9 CAPLUS  
CN Benzenemethanol, α-(1-methylpropyl)-5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

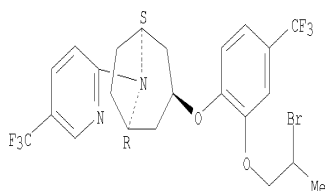
Print selected from 10599388.trn



RN 866617-61-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-bromopropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

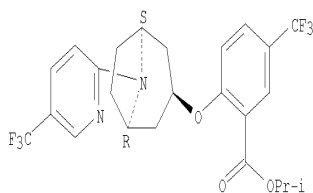
Relative stereochemistry.



RN 866617-62-1 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.

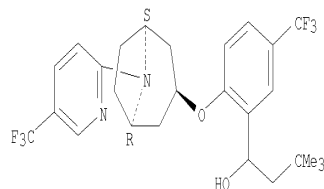


RN 866617-63-2 CAPLUS

CN Benzenemethanol,  $\alpha$ -(2,2-dimethylpropyl)-5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, (CA INDEX NAME)

Relative stereochemistry.

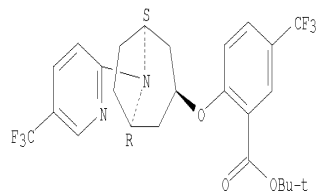
Print selected from 10599388.trn



RN 866617-64-3 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)

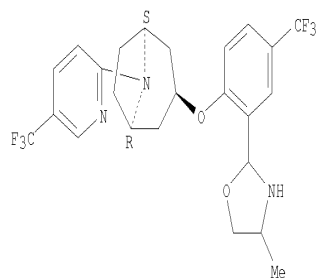
Relative stereochemistry.



RN 866617-65-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

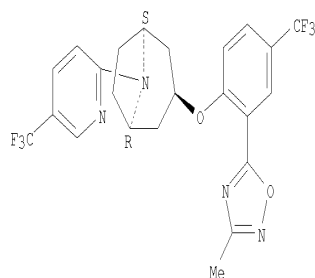


RN 866617-66-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Print selected from 10599388.trn

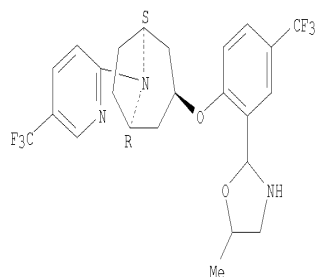
Relative stereochemistry.



RN 866617-67-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

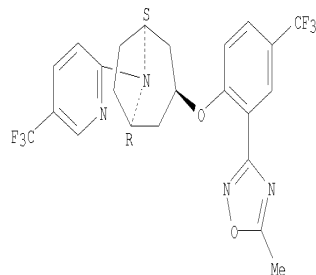


RN 866617-68-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-1,2,4-oxadiazol-3-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

Print selected from 10599388.trn

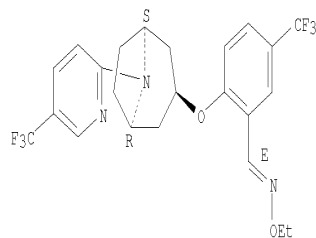


RN 866617-69-8 CAPLUS

CN Benzaldehyde, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-ethyloxime, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

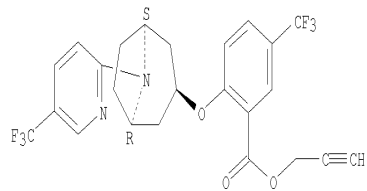
Double bond geometry as shown.



RN 866617-70-1 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-propynyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



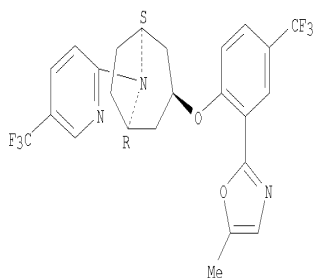
RN 866617-71-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-2-oxazolyl)-4-

Print selected from 10599388.trn

(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

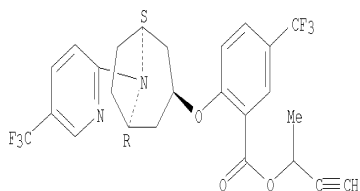
Relative stereochemistry.



RN 866617-72-3 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methyl-2-propynyl ester  
(9CI) (CA INDEX NAME)

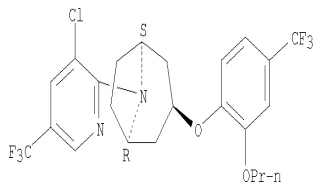
Relative stereochemistry.



RN 866617-73-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 8-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]-3-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

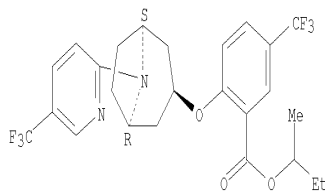


RN 866617-74-5 CAPLUS

Print selected from 10599388.trn

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methylpropyl ester (CA INDEX NAME)

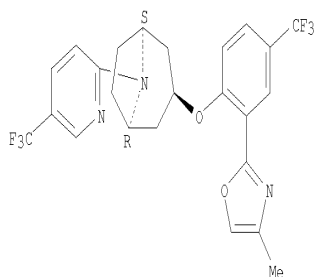
Relative stereochemistry.



RN 866617-75-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-methyl-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

Relative stereochemistry.



RN 866617-76-7 CAPLUS

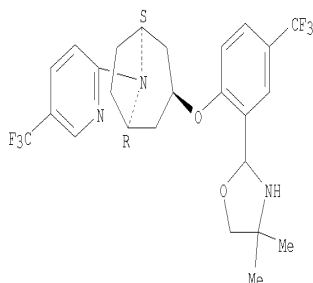
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4,4-dimethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-  
(CA INDEX NAME)

Relative stereochemistry.





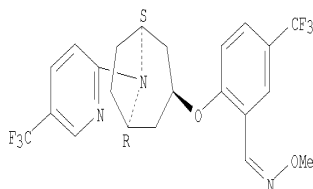
Print selected from 10599388.trn



RN 866617-77-8 CAPLUS

CN Benzaldehyde, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-methyloxime (CA INDEX NAME)

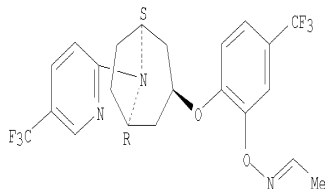
Relative stereochemistry.  
Double bond geometry unknown.



RN 866617-78-9 CAPLUS

CN Acetaldehyde, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

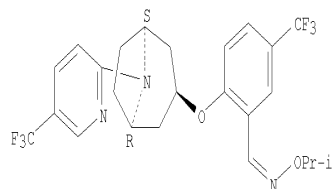


RN 866617-80-3 CAPLUS

CN Benzaldehyde, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-(1-methylethyl)oxime (CA INDEX NAME)

Print selected from 10599388.trn

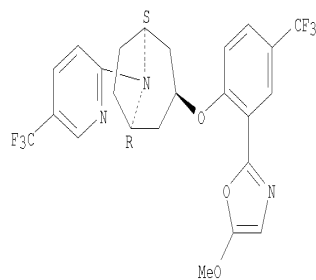
Relative stereochemistry.  
Double bond geometry unknown.



RN 866617-82-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methoxy-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

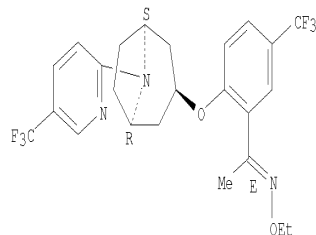
Relative stereochemistry.



RN 866617-83-6 CAPLUS

CN Ethanone, 1-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, O-ethyloxime, (1E)- (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

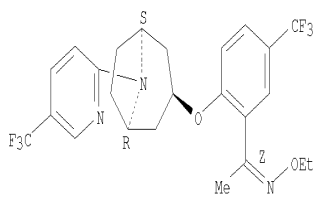


Print selected from 10599388.trn

RN 866617-84-7 CAPLUS

CN Ethanone, 1-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, O-ethyloxime, (1Z)- (CA INDEX NAME)

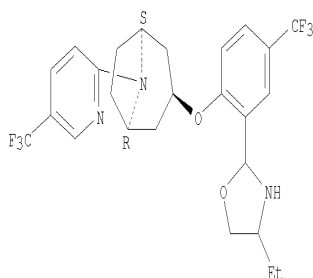
Relative stereochemistry.  
Double bond geometry as shown.



RN 866617-85-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(4-ethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

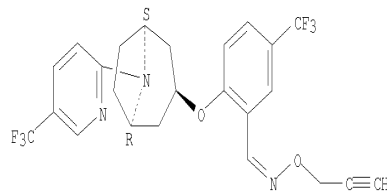


RN 866617-86-9 CAPLUS

CN Benzaldehyde, 5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, O-2-propynyloxime (9CI) (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry unknown.

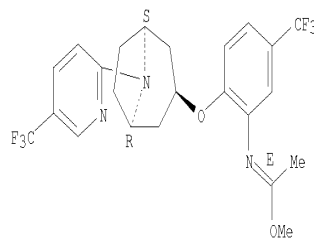
Print selected from 10599388.trn



RN 866617-87-0 CAPLUS

CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, methyl ester, (1E)- (CA INDEX NAME)

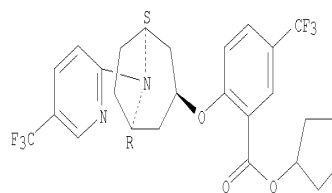
Relative stereochemistry.  
Double bond geometry as shown.



RN 866617-88-1 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopentyl ester (CA INDEX NAME)

Relative stereochemistry.



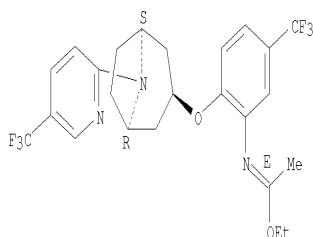
RN 866617-89-2 CAPLUS

CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[3-(endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, ethyl ester, (1E)- (CA INDEX NAME)

Relative stereochemistry.

Print selected from 10599388.trn

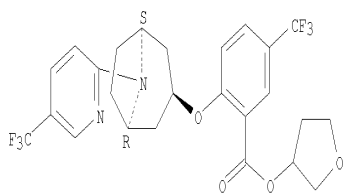
Double bond geometry as shown.



RN 866617-90-5 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, tetrahydro-3-furanyl ester (CA INDEX NAME)

Relative stereochemistry.

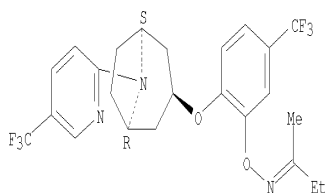


RN 866617-91-6 CAPLUS

CN 2-Butanone, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

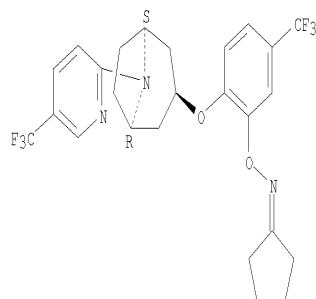


RN 866617-92-7 CAPLUS

CN Cyclopentanone, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.

Print selected from 10599388.trn

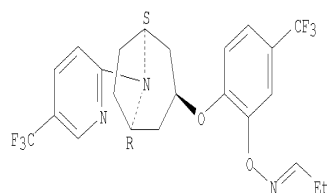


RN 866617-93-8 CAPLUS

CN Propanal, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.



IT 866617-94-9P 866617-95-0P 866617-96-1P  
866617-97-2P 866617-98-3P 866617-99-4P  
866618-00-0P 866618-01-1P 866618-02-2P  
866618-03-3P 866618-04-4P 866618-05-5P  
866618-06-6P 866618-07-7P 866618-08-8P  
866618-09-9P 866618-10-2P 866618-11-3P  
866618-12-4P 866618-13-5P 866618-14-6P  
866618-15-7P 866618-16-8P 866618-17-9P  
866618-18-0P 866618-19-1P 866618-20-4P  
866618-21-5P 866618-22-6P 866618-23-7P  
866618-24-8P 866618-25-9P 866618-26-0P  
866618-27-1P 866618-28-2P 866618-29-3P  
866618-30-6P 866618-31-7P 866618-32-8P  
866618-33-9P 866618-34-0P 866618-35-1P  
866618-36-2P 866618-37-3P 866618-38-4P  
866618-39-5P 866618-40-8P 866618-41-9P  
866618-42-0P 866618-43-1P 866618-44-2P  
866618-45-3P 866618-46-4P 866618-47-5P  
866618-48-6P 866618-49-7P 866618-50-0P  
866618-51-1P 866618-52-2P 866618-53-3P  
866618-54-4P 866618-55-5P 866618-56-6P

Print selected from 10599388.trn

866618-57-7P 866618-58-8P 866618-59-9P  
866618-60-2P 866618-61-3P 866618-62-4P  
866618-63-5P 866618-64-6P 866618-65-7P  
866618-66-8P 866618-67-9P 866618-68-0P  
866618-69-1P 866618-70-4P 866618-71-5P  
866618-72-6P 866618-73-7P 866618-74-8P  
866618-75-9P 866618-76-0P 866618-77-1P  
866618-78-2P 866618-79-3P 866618-80-6P  
866618-81-7P 866618-82-8P 866618-83-9P  
866618-84-0P 866618-85-1P 866618-86-2P  
866618-87-3P 866618-88-4P 866618-89-5P  
866618-90-8P 866618-91-9P 866618-92-0P  
866618-93-1P 866618-94-2P 866618-95-3P  
866618-96-4P 866618-97-5P 866618-98-6P  
866618-99-7P 866619-00-3P 866619-01-4P  
866619-02-5P 866619-03-6P 866619-04-7P  
866619-05-8P 866619-06-9P 866619-07-0P  
866619-08-1P 866619-09-2P 866619-10-5P  
866619-11-6P 866619-12-7P 866619-13-8P  
866619-14-9P 866619-15-0P 866619-16-1P  
866619-17-2P 866619-18-3P 866619-19-4P  
866619-20-7P 866619-21-8P 866619-22-9P  
866619-23-0P 866619-24-1P 866619-25-2P  
866619-26-3P 866619-27-4P 866619-28-5P  
866619-29-6P 866619-30-9P 866619-31-0P  
866619-32-1P 866619-33-2P 866619-34-3P  
866619-35-4P 866619-36-5P 866619-37-6P  
866619-38-7P 866619-39-8P 866619-40-1P  
866619-41-2P 866619-42-3P 866619-43-4P  
866619-44-5P 866619-45-6P 866619-46-7P  
866619-47-8P 866619-51-4P 866619-52-5P  
866619-53-6P 866619-54-7P 866619-55-8P  
866619-56-9P 866619-57-0P 866619-58-1P  
866622-00-6P 866622-02-8P 866622-05-1P  
866778-19-0P 866778-21-4P 866778-22-5P  
866778-23-6P 866778-24-7P 866778-25-8P  
866778-26-9P 866778-27-0P 866778-28-1P  
866778-29-2P 866778-30-5P 866778-31-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN  
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

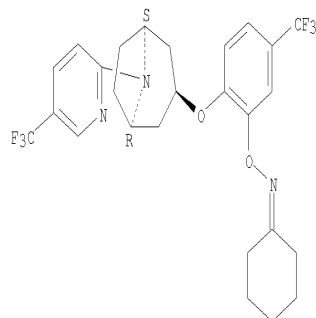
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as  
insecticides and miticides)

RN 866617-94-9 CAPLUS

CN Cyclohexanone, O-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-  
2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime (CA INDEX NAME)

Relative stereochemistry.

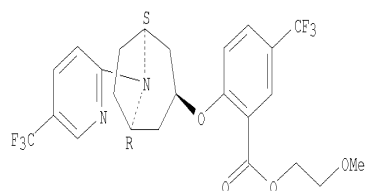
Print selected from 10599388.trn



RN 866617-95-0 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-  
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-methoxyethyl ester (CA  
INDEX NAME)

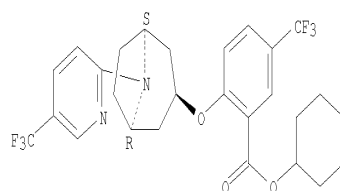
Relative stereochemistry.



RN 866617-96-1 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-  
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclohexyl ester (CA INDEX  
NAME)

Relative stereochemistry.



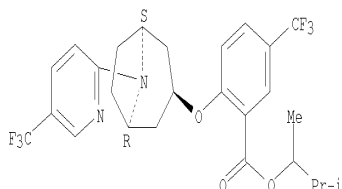
RN 866617-97-2 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-  
pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1,2-dimethylpropyl ester

Print selected from 10599388.trn

(CA INDEX NAME)

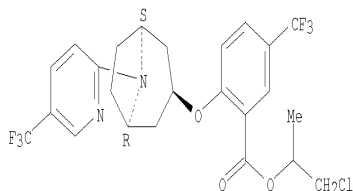
Relative stereochemistry.



RN 866617-98-3 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-chloro-1-methylethyl ester (CA INDEX NAME)

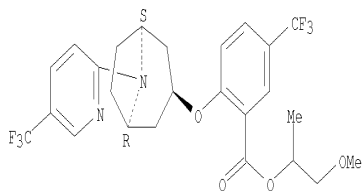
Relative stereochemistry.



RN 866617-99-4 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-methoxy-1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.

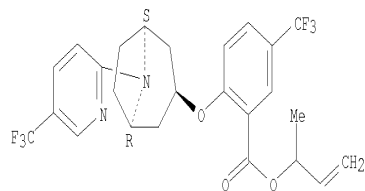


RN 866618-00-0 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

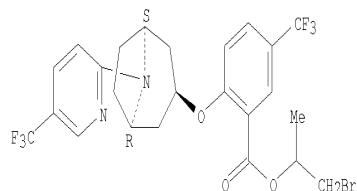
Relative stereochemistry.



RN 866618-01-1 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2-bromo-1-methylethyl ester (CA INDEX NAME)

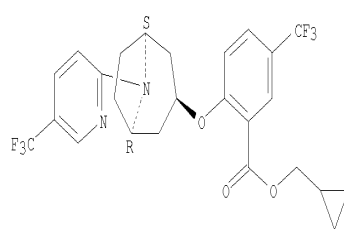
Relative stereochemistry.



RN 866618-02-2 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropylmethyl ester (CA INDEX NAME)

Relative stereochemistry.

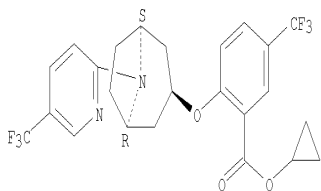


RN 866618-03-3 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, cyclopropyl ester (CA INDEX NAME)

Print selected from 10599388.trn

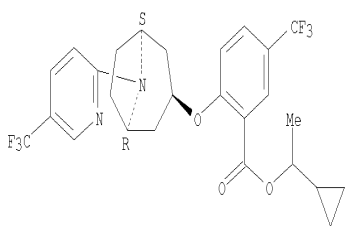
Relative stereochemistry.



RN 866618-04-4 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 1-cyclopropylethyl ester (CA INDEX NAME)

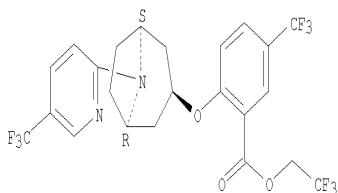
Relative stereochemistry.



RN 866618-05-5 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-, 2,2,2-trifluoroethyl ester (CA INDEX NAME)

Relative stereochemistry.

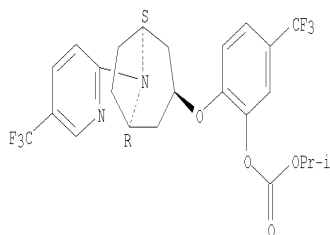


RN 866618-06-6 CAPLUS

CN Carbonic acid, 1-methylethyl 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl ester (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

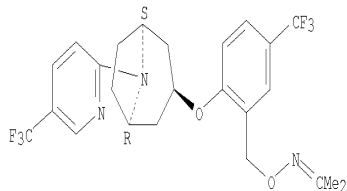
Relative stereochemistry.



RN 866618-07-7 CAPLUS

CN 2-Propanone, O-[[[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]methyl]oxime (CA INDEX NAME)

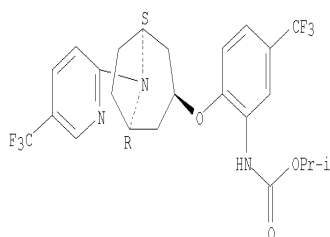
Relative stereochemistry.



RN 866618-08-8 CAPLUS

CN Carbamic acid, [5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



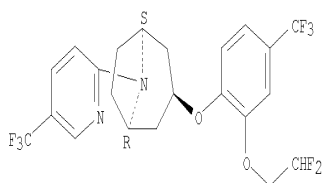
RN 866618-09-9 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2,2-difluoroethoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)-

Print selected from 10599388.trn

(CA INDEX NAME)

Relative stereochemistry.

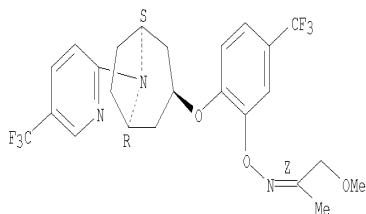


RN 866618-10-2 CAPLUS

CN 2-Propanone, 1-methoxy-, 0-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime, (2Z)- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.

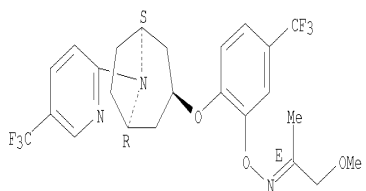


RN 866618-11-3 CAPLUS

CN 2-Propanone, 1-methoxy-, 0-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]oxime, (2E)- (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry as shown.



RN 866618-12-4 CAPLUS

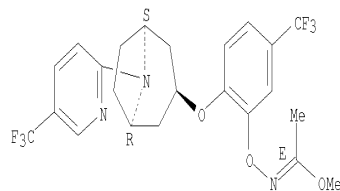
CN Ethanimidic acid, N-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-

Print selected from 10599388.trn

(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenoxy]-, methyl ester, (1E)- (CA INDEX NAME)

Relative stereochemistry.

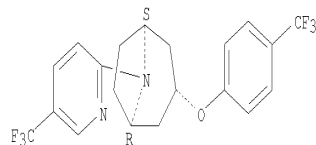
Double bond geometry as shown.



RN 866618-13-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

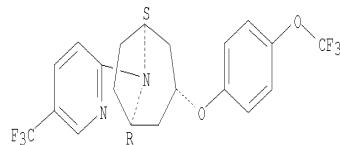
Relative stereochemistry.



RN 866618-14-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[4-(trifluoromethoxy)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.

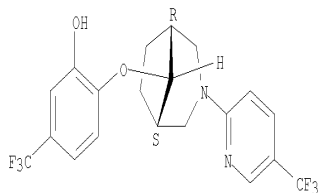


RN 866618-15-7 CAPLUS

CN Phenol, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

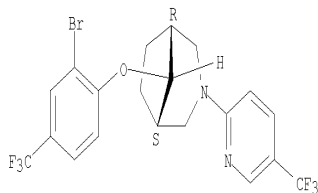
Print selected from 10599388.trn



RN 866618-16-8 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-bromo-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

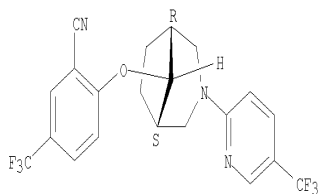
Relative stereochemistry.



RN 866618-17-9 CAPLUS

CN Benzonitrile, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

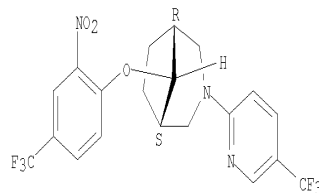


RN 866618-18-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-nitro-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

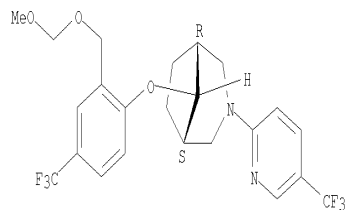
Print selected from 10599388.trn



RN 866618-19-1 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

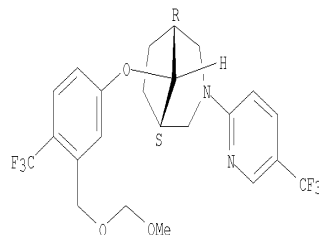
Relative stereochemistry.



RN 866618-20-4 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[3-[(methoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



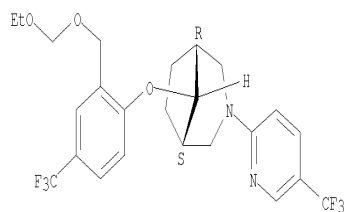
RN 866618-21-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(ethoxymethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



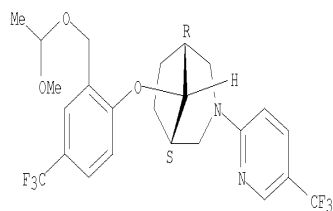
Print selected from 10599388.trn



RN 866618-22-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

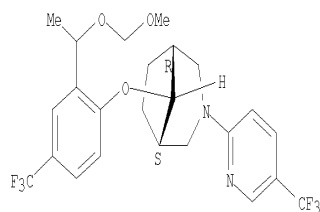
Relative stereochemistry.



RN 866618-23-7 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methoxymethoxy)ethyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

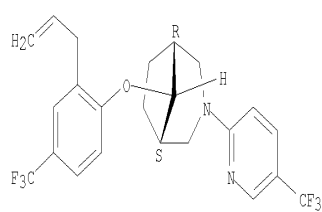


RN 866618-24-8 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

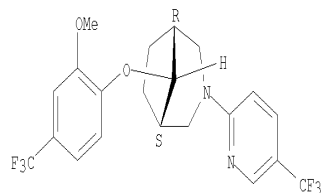
Print selected from 10599388.trn



RN 866618-25-9 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-methoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

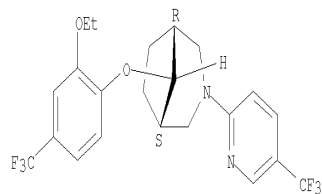
Relative stereochemistry.



RN 866618-26-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-ethoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

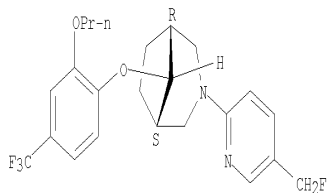


RN 866618-27-1 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propoxy-4-(trifluoromethyl)phenoxy)-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

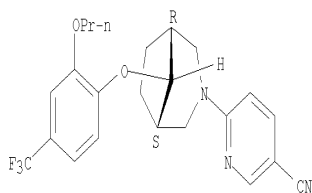
Print selected from 10599388.trn



RN 866618-28-2 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

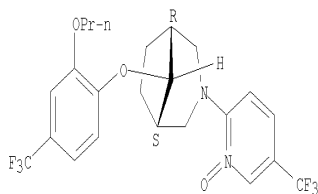
Relative stereochemistry.



RN 866618-29-3 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 3-[1-oxido-5-(trifluoromethyl)-2-pyridinyl]-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

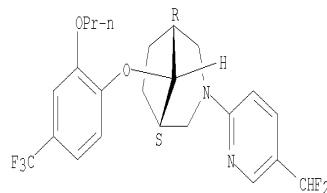


RN 866618-30-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 3-[5-(difluoromethyl)-2-pyridinyl]-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

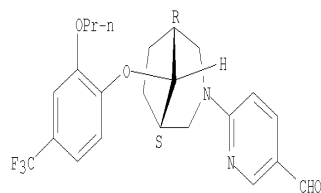
Print selected from 10599388.trn



RN 866618-31-7 CAPLUS

CN 3-Pyridinecarboxaldehyde, 6-[(8-anti)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

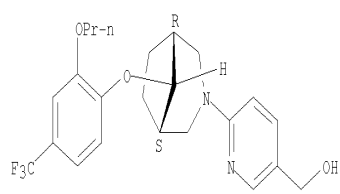
Relative stereochemistry.



RN 866618-32-8 CAPLUS

CN 3-Pyridinemethanol, 6-[(8-anti)-8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

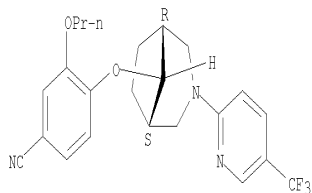


RN 866618-33-9 CAPLUS

CN Benzonitrile, 3-propoxy-4-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

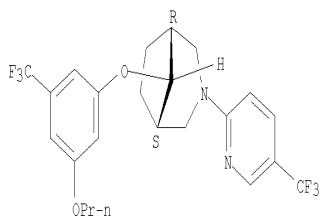
Print selected from 10599388.trn



RN 866618-34-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[3-propoxy-5-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

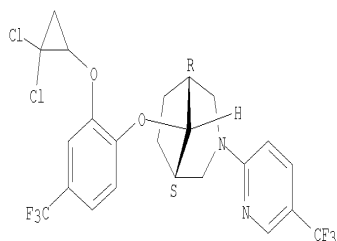
Relative stereochemistry.



RN 866618-35-1 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(2,2-dichlorocyclopropyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

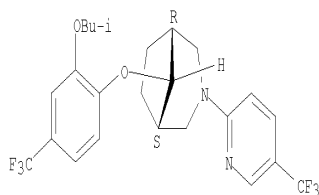


RN 866618-36-2 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

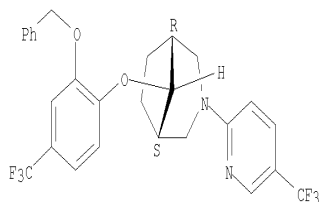
Print selected from 10599388.trn



RN 866618-37-3 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(phenylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

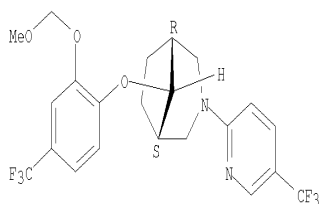
Relative stereochemistry.



RN 866618-38-4 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

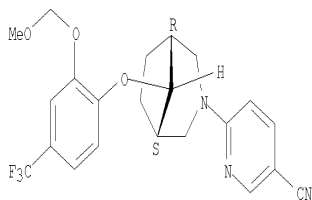


RN 866618-39-5 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

Relative stereochemistry.

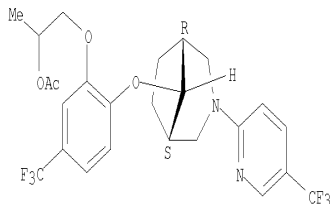
Print selected from 10599388.trn



RN 866618-40-8 CAPLUS

CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester) (9CI) (CA INDEX NAME)

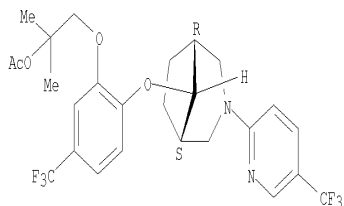
Relative stereochemistry.



RN 866618-41-9 CAPLUS

CN 2-Propanol, 2-methyl-1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester) (9CI) (CA INDEX NAME)

Relative stereochemistry.

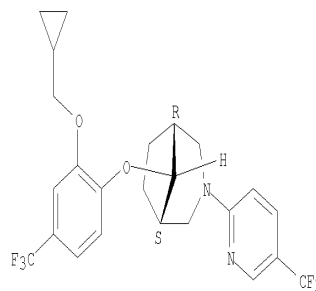


RN 866618-42-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

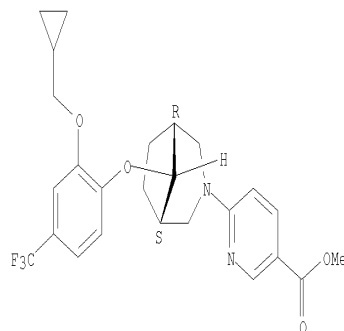
Print selected from 10599388.trn



RN 866618-43-1 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[(8-anti)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]-, methyl ester (CA INDEX NAME)

Relative stereochemistry.

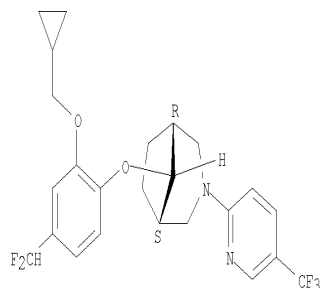


RN 866618-44-2 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

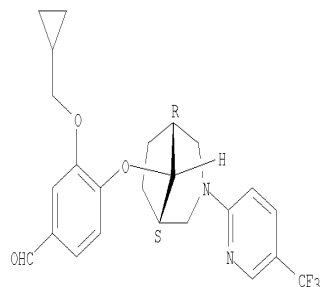
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-45-3 CAPLUS  
CN Benzaldehyde, 3-(cyclopropylmethoxy)-4-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

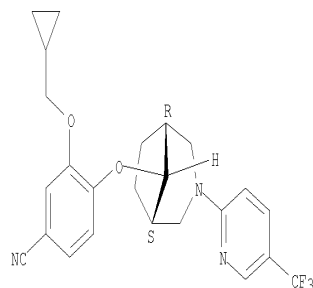
Relative stereochemistry.



RN 866618-46-4 CAPLUS  
CN Benzonitrile, 3-(cyclopropylmethoxy)-4-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

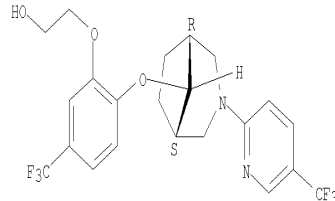
Relative stereochemistry.

Print selected from 10599388.trn



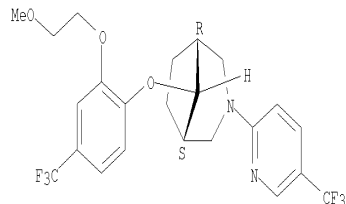
RN 866618-47-5 CAPLUS  
CN Ethanol, 2-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-48-6 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

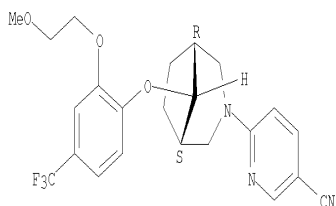
Relative stereochemistry.



RN 866618-49-7 CAPLUS  
CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(2-methoxyethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

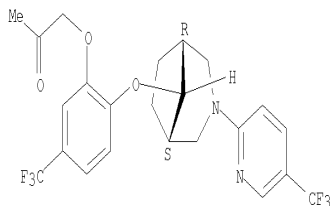
Print selected from 10599388.trn

Relative stereochemistry.



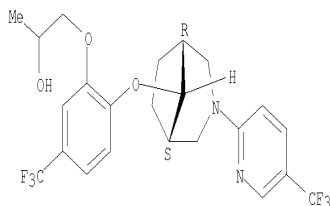
RN 866618-50-0 CAPLUS  
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-51-1 CAPLUS  
CN 2-Propanol, 1-[5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

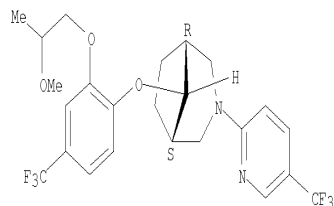
Relative stereochemistry.



RN 866618-52-2 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

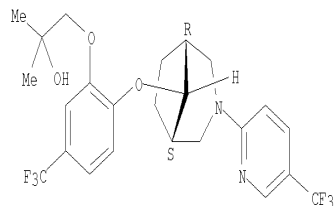
Print selected from 10599388.trn

Relative stereochemistry.



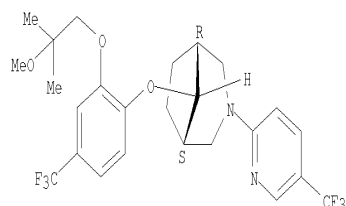
RN 866618-53-3 CAPLUS  
CN 2-Propanol, 2-methyl-1-[5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

Relative stereochemistry.



RN 866618-54-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxy-2-methylpropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

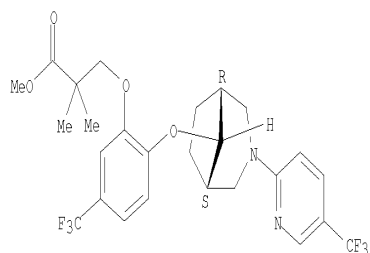
Relative stereochemistry.



RN 866618-55-5 CAPLUS  
CN Propanoic acid, 2,2-dimethyl-3-[5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, methyl ester (CA INDEX NAME)

Print selected from 10599388.trn

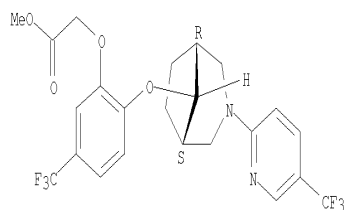
Relative stereochemistry.



RN 866618-56-6 CAPLUS

CN Acetic acid, [5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, methyl ester (9CI)  
(CA INDEX NAME)

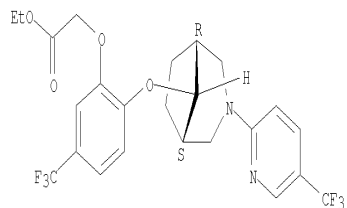
Relative stereochemistry.



RN 866618-57-7 CAPLUS

CN Acetic acid, [5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, ethyl ester (9CI)  
(CA INDEX NAME)

Relative stereochemistry.

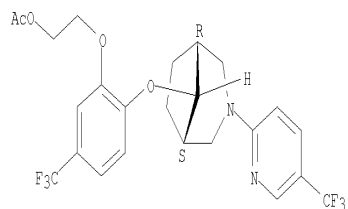


RN 866618-58-8 CAPLUS

Print selected from 10599388.trn

CN Ethanol, 2-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, acetate (ester)  
(9CI) (CA INDEX NAME)

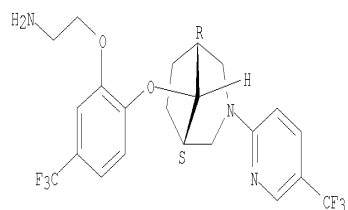
Relative stereochemistry.



RN 866618-59-9 CAPLUS

CN Ethanamine, 2-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (CA INDEX NAME)

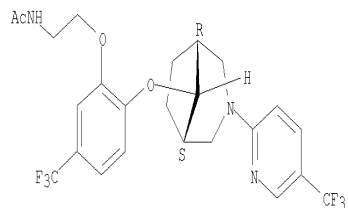
Relative stereochemistry.



RN 866618-60-2 CAPLUS

CN Acetamide, N-[2-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]ethyl]- (CA INDEX NAME)

Relative stereochemistry.

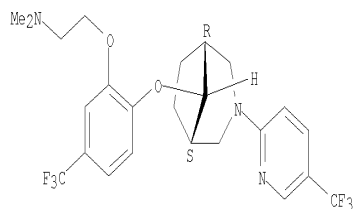


RN 866618-61-3 CAPLUS

Print selected from 10599388.trn

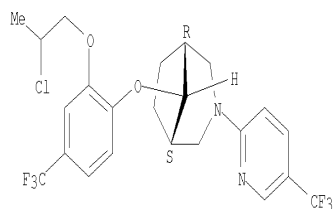
CN Ethanamine, N,N-dimethyl-2-[5-(trifluoromethyl)-2-[[8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-  
(CA INDEX NAME)

Relative stereochemistry.



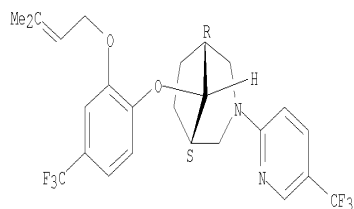
RN 866618-62-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-chloropropoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

Relative stereochemistry.



RN 866618-63-5 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(3-methyl-2-butenyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(9CI) (CA INDEX NAME)

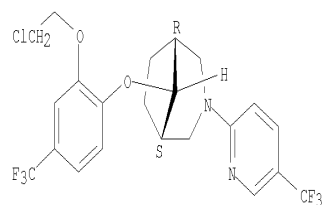
Relative stereochemistry.



Print selected from 10599388.trn

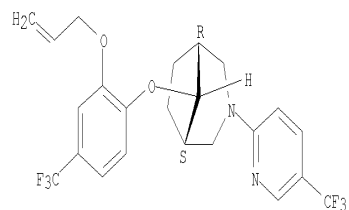
RN 866618-64-6 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-chloroethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

Relative stereochemistry.



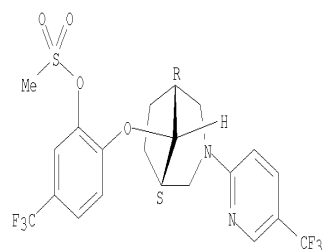
RN 866618-65-7 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866618-66-8 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methanesulfonate (ester)  
(9CI) (CA INDEX NAME)

Relative stereochemistry.



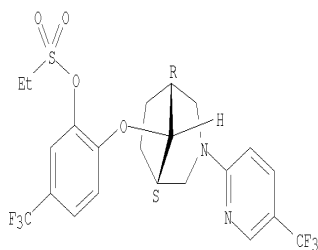


Print selected from 10599388.trn

RN 866618-67-9 CAPLUS

CN Ethanesulfonic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

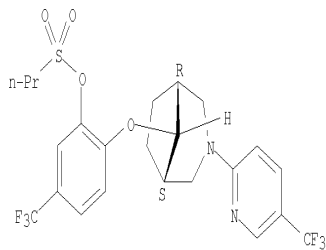
Relative stereochemistry.



RN 866618-68-0 CAPLUS

CN 1-Propanesulfonic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.

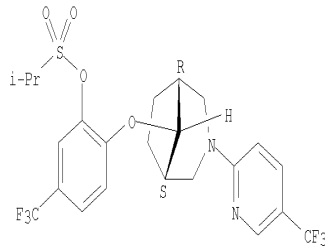


RN 866618-69-1 CAPLUS

CN 2-Propanesulfonic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.

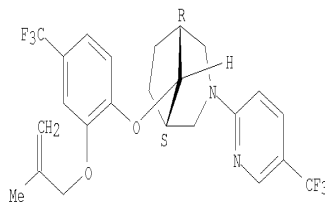
Print selected from 10599388.trn



RN 866618-70-4 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(2-methyl-2-propenyl)oxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

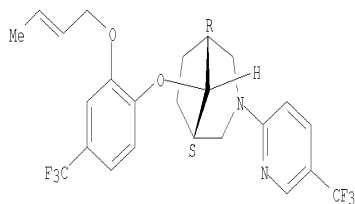


RN 866618-71-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-butenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

Double bond geometry unknown.

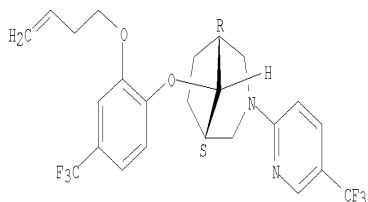


RN 866618-72-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-butenyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

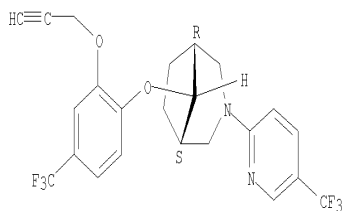
Print selected from 10599388.trn

Relative stereochemistry.



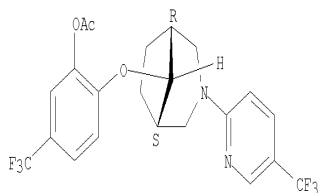
RN 866618-73-7 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-propynyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-(9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866618-74-8 CAPLUS  
CN Phenol, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

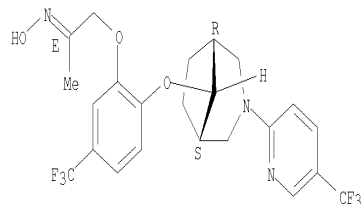
Relative stereochemistry.



RN 866618-75-9 CAPLUS  
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, oxime, (2E)- (CA INDEX NAME)

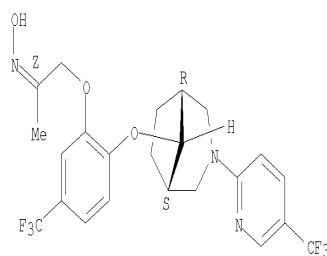
Print selected from 10599388.trn

Relative stereochemistry.  
Double bond geometry as shown.



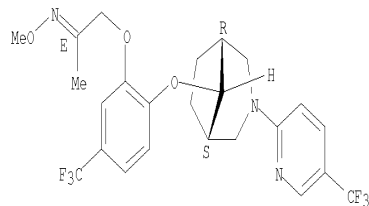
RN 866618-76-0 CAPLUS  
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, oxime, (2Z)- (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.



RN 866618-77-1 CAPLUS  
CN 2-Propanone, 1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]-, O-methyloxime, (2E)- (CA INDEX NAME)

Relative stereochemistry.  
Double bond geometry as shown.

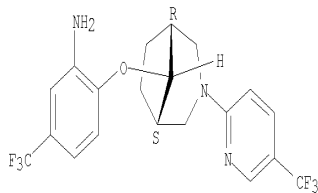


Print selected from 10599388.trn

RN 866618-78-2 CAPLUS

CN Benzenamine, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

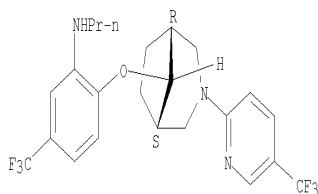
Relative stereochemistry.



RN 866618-79-3 CAPLUS

CN Benzenamine, N-propyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

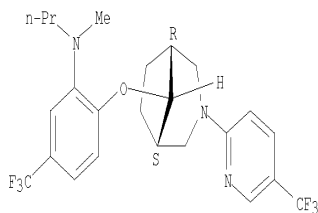
Relative stereochemistry.



RN 866618-80-6 CAPLUS

CN Benzenamine, N-methyl-N-propyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

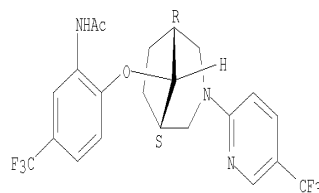


RN 866618-81-7 CAPLUS

Print selected from 10599388.trn

CN Acetamide, N-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

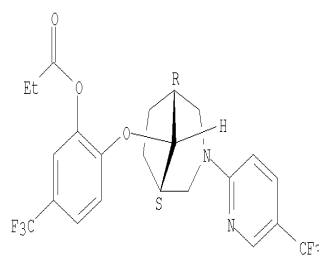
Relative stereochemistry.



RN 866618-82-8 CAPLUS

CN Phenol, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, propanoate (ester) (9CI) (CA INDEX NAME)

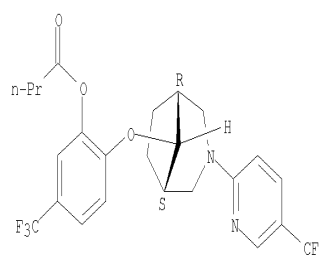
Relative stereochemistry.



RN 866618-83-9 CAPLUS

CN Butanoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

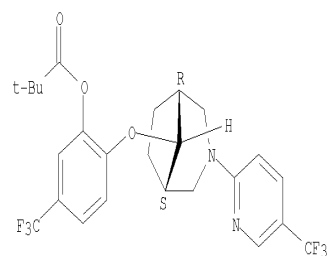
Relative stereochemistry.



Print selected from 10599388.trn

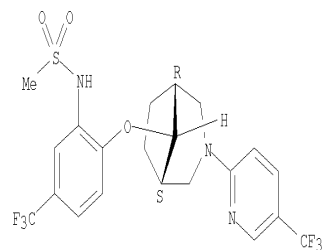
RN 866618-84-0 CAPLUS  
CN Propanoic acid, 2,2-dimethyl-, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl ester (CA INDEX NAME)

Relative stereochemistry.



RN 866618-85-1 CAPLUS  
CN Methanesulfonamide, N-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

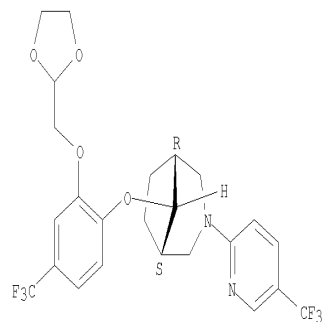
Relative stereochemistry.



RN 866618-86-2 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1,3-dioxolan-2-ylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

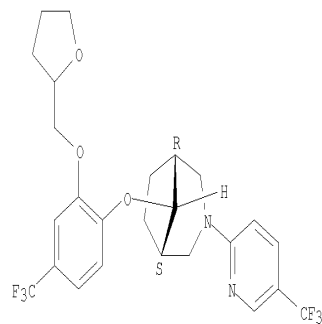
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-87-3 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-2-furanyl)methoxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

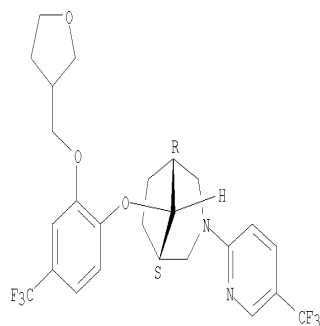
Relative stereochemistry.



RN 866618-88-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(tetrahydro-3-furanyl)methoxy]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

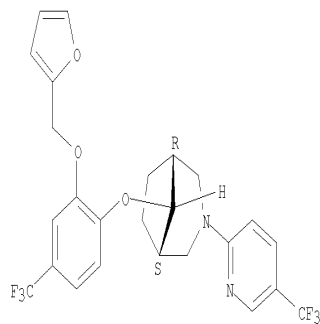
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-89-5 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-furanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

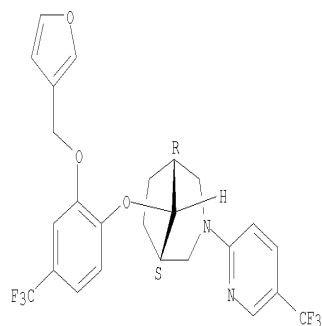
Relative stereochemistry.



RN 866618-90-8 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-furanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

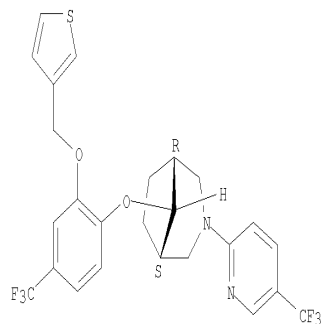
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-91-9 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-thienylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

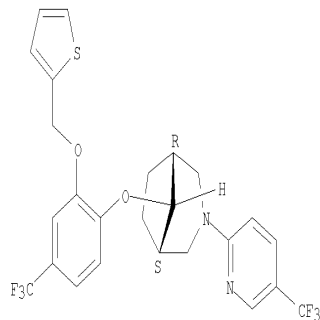
Relative stereochemistry.



RN 866618-92-0 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-thienylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

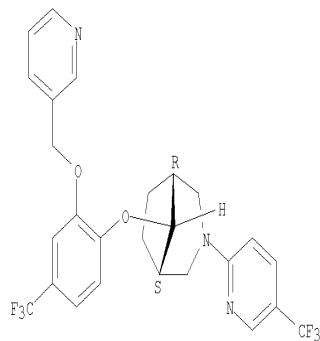
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-93-1 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-pyridinylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

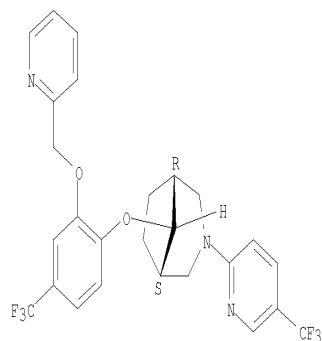
Relative stereochemistry.



RN 866618-94-2 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-pyridinylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

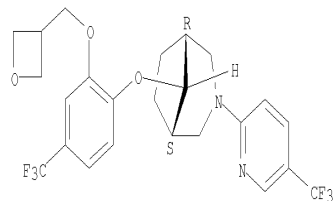
Relative stereochemistry.

Print selected from 10599388.trn



RN 866618-95-3 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-oxetanylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

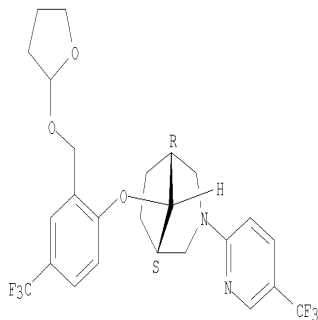
Relative stereochemistry.



RN 866618-96-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[[tetrahydro-2-furanyl]oxy]methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

Relative stereochemistry.

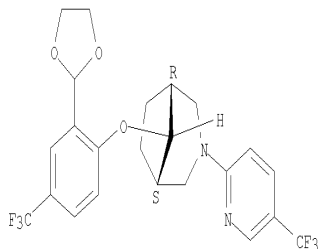
Print selected from 10599388.trn



RN 866618-97-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

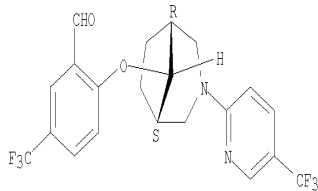
Relative stereochemistry.



RN 866618-98-6 CAPLUS

CN Benzaldehyde, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

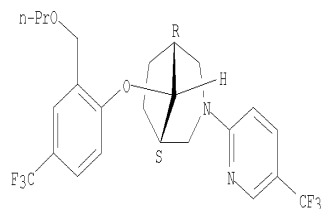


RN 866618-99-7 CAPLUS

Print selected from 10599388.trn

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(propoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

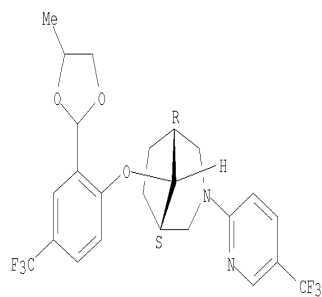
Relative stereochemistry.



RN 866619-00-3 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

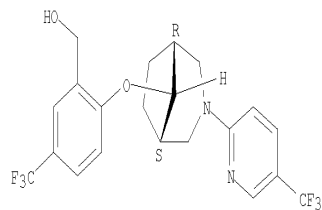
Relative stereochemistry.



RN 866619-01-4 CAPLUS

CN Benzenemethanol, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

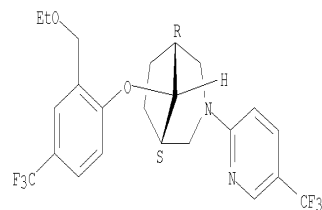


Print selected from 10599388.trn

RN 866619-02-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(ethoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

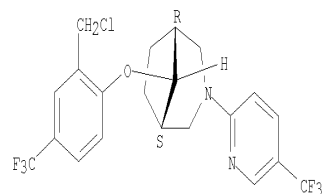
Relative stereochemistry.



RN 866619-03-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(chloromethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

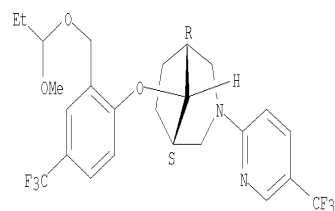
Relative stereochemistry.



RN 866619-04-7 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methoxypropoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

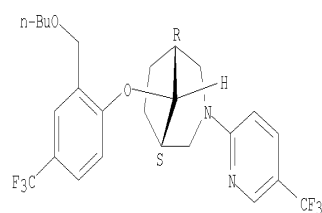


RN 866619-05-8 CAPLUS

Print selected from 10599388.trn

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(butoxymethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

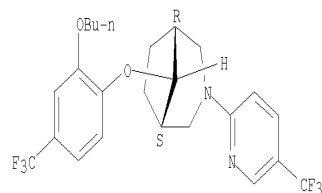
Relative stereochemistry.



RN 866619-06-9 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-butoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

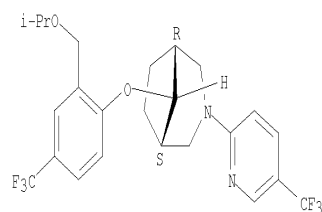
Relative stereochemistry.



RN 866619-07-0 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methylethoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-08-1 CAPLUS

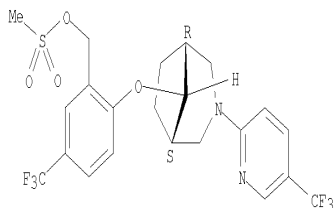
CN Benzenemethanol, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methanesulfonate (ester)



Print selected from 10599388.trn

(9CI) (CA INDEX NAME)

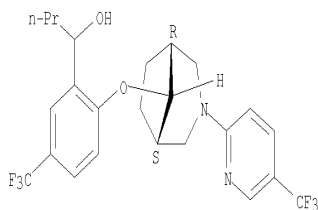
Relative stereochemistry.



RN 866619-09-2 CAPLUS

CN Benzenemethanol,  $\alpha$ -propyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

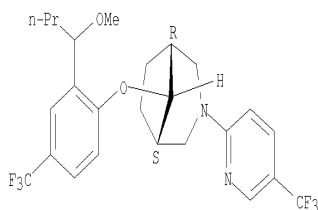
Relative stereochemistry.



RN 866619-10-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(1-methoxybutyl)-4-(trifluoromethylphenoxy)-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



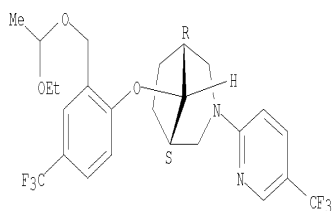
RN 866619-11-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-ethoxyethoxy)methyl]-4-

Print selected from 10599388.trn

(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

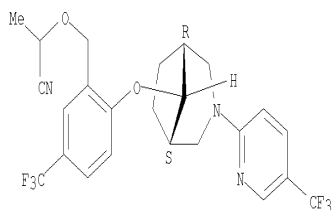
Relative stereochemistry.



RN 866619-12-7 CAPLUS

CN Propanenitrile, 2-[[[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]methoxy]- (CA INDEX NAME)

Relative stereochemistry.

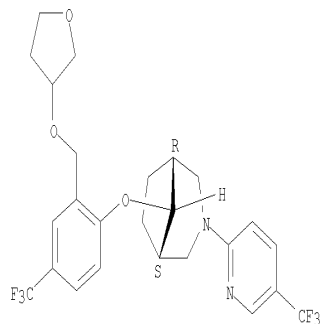


RN 866619-13-8 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-[[[tetrahydro-3-furanyl]oxy]methyl]-4-(trifluoromethylphenoxy)-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

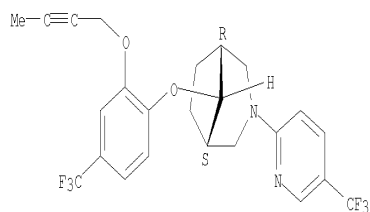
Relative stereochemistry.

Print selected from 10599388.trn



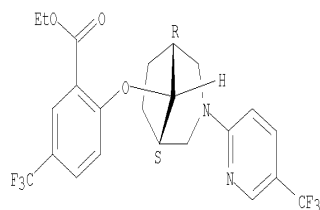
RN 866619-14-9 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-butynyloxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866619-15-0 CAPLUS  
CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, ethyl ester (CA INDEX NAME)

Relative stereochemistry.

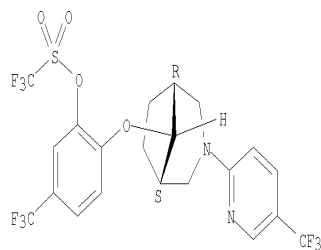


RN 866619-16-1 CAPLUS  
CN Methanesulfonic acid, trifluoro-, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl

Print selected from 10599388.trn

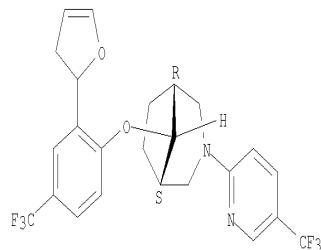
ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866619-17-2 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2,3-dihydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

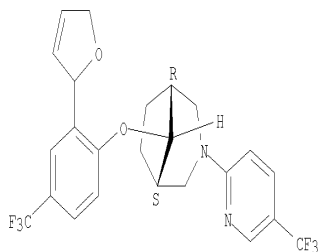


RN 866619-18-3 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2,5-dihydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

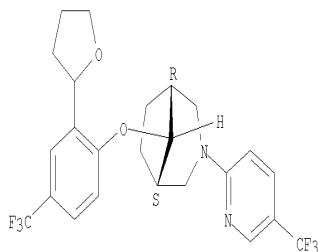


Print selected from 10599388.trn



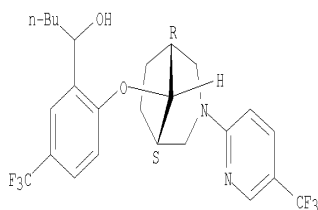
RN 866619-19-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(tetrahydro-2-furanyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-20-7 CAPLUS  
CN Benzenemethanol,  $\alpha$ -butyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

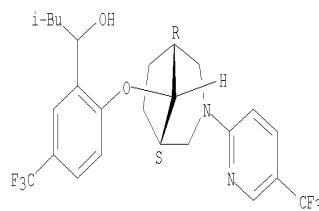


RN 866619-21-8 CAPLUS  
CN Benzenemethanol,  $\alpha$ -(2-methylpropyl)-5-(trifluoromethyl)-2-[[[(8-anti)-

Print selected from 10599388.trn

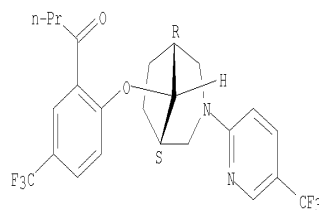
3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



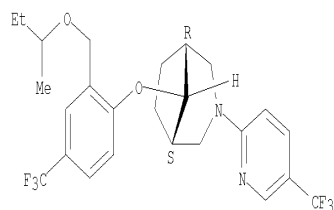
RN 866619-22-9 CAPLUS  
CN 1-Butanone, 1-[5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenyl]- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-23-0 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-[(1-methylpropoxy)methyl]-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

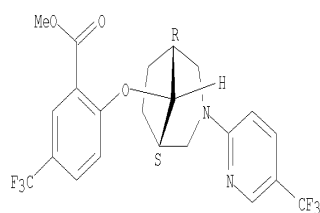


RN 866619-24-1 CAPLUS  
CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-

Print selected from 10599388.trn

pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, methyl ester (CA INDEX NAME)

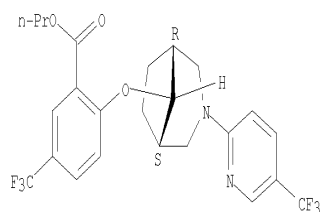
Relative stereochemistry.



RN 866619-25-2 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, propyl ester (CA INDEX NAME)

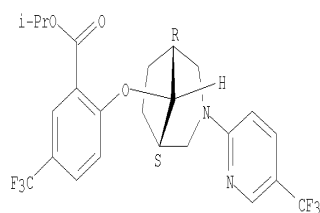
Relative stereochemistry.



RN 866619-26-3 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, 1-methylethyl ester (CA INDEX NAME)

Relative stereochemistry.

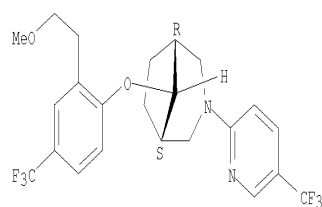


RN 866619-27-4 CAPLUS

Print selected from 10599388.trn

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

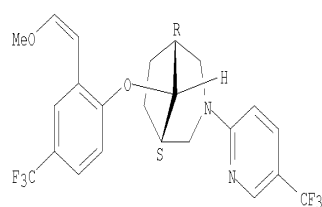


RN 866619-28-5 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methoxyethenyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

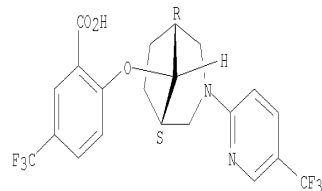
Double bond geometry unknown.



RN 866619-29-6 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

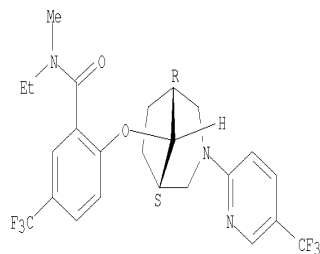


RN 866619-30-9 CAPLUS

Print selected from 10599388.trn

CN Benzamide, N-ethyl-N-methyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

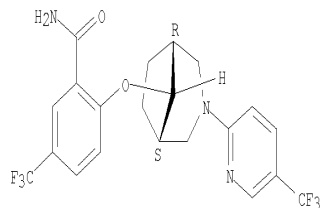
Relative stereochemistry.



RN 866619-31-0 CAPLUS

CN Benzamide, 5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

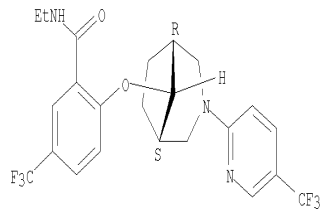
Relative stereochemistry.



RN 866619-32-1 CAPLUS

CN Benzamide, N-ethyl-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

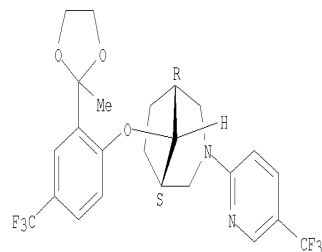


Print selected from 10599388.trn

RN 866619-33-2 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(2-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

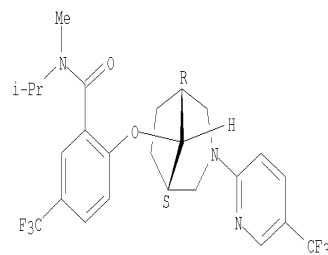
Relative stereochemistry.



RN 866619-34-3 CAPLUS

CN Benzamide, N-methyl-N-(1-methylethyl)-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

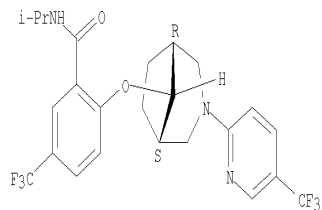


RN 866619-35-4 CAPLUS

CN Benzamide, N-(1-methylethyl)-5-(trifluoromethyl)-2-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

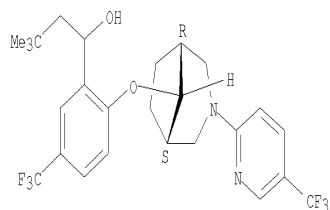
Print selected from 10599388.trn



RN 866619-36-5 CAPLUS

CN Benzenemethanol,  $\alpha$ -(2,2-dimethylpropyl)-5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]- (CA INDEX NAME)

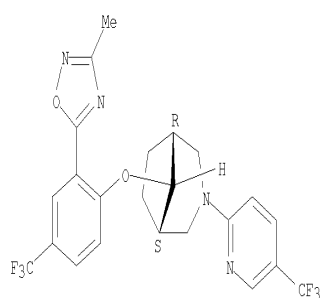
Relative stereochemistry.



RN 866619-37-6 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(3-methyl-1,2,4-oxadiazol-5-yl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.



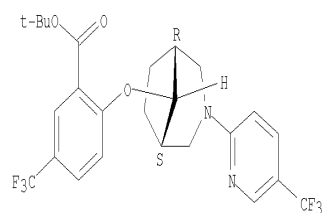
RN 866619-38-7 CAPLUS

CN Benzoic acid, 5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-

Print selected from 10599388.trn

pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, 1,1-dimethylethyl ester (CA INDEX NAME)

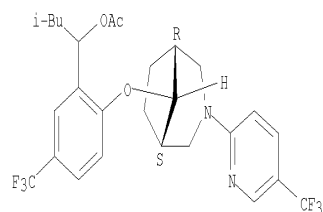
Relative stereochemistry.



RN 866619-39-8 CAPLUS

CN Benzenemethanol,  $\alpha$ -(2-methylpropyl)-5-(trifluoromethyl)-2-[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]-, acetate (ester) (9CI) (CA INDEX NAME)

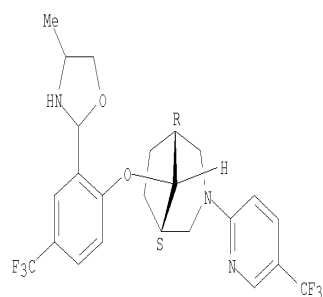
Relative stereochemistry.



RN 866619-40-1 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

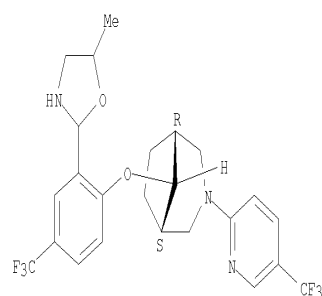
Relative stereochemistry.



Print selected from 10599388.trn

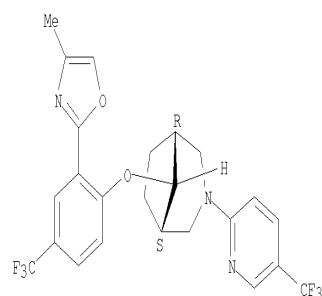
RN 866619-41-2 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(5-methyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

Relative stereochemistry.



RN 866619-42-3 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-methyl-2-oxazolyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

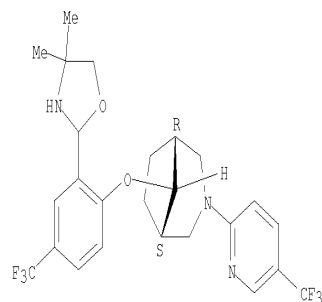
Relative stereochemistry.



RN 866619-43-4 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4,4-dimethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

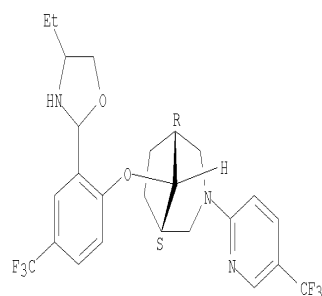
Relative stereochemistry.

Print selected from 10599388.trn



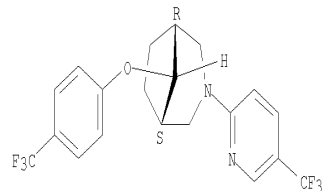
RN 866619-44-5 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[2-(4-ethyl-2-oxazolidinyl)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)-  
(CA INDEX NAME)

Relative stereochemistry.



RN 866619-45-6 CAPLUS  
CN 3-Azabicyclo[3.2.1]octane, 8-[4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

Relative stereochemistry.

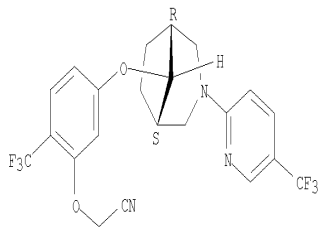


Print selected from 10599388.trn

RN 866619-46-7 CAPLUS

CN Acetonitrile, [2-(trifluoromethyl)-5-[[[(8-anti)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.2.1]oct-8-yl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

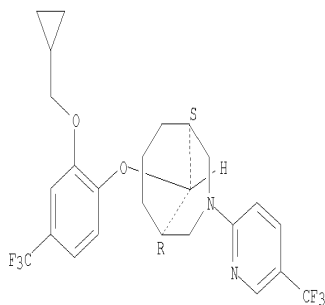
Relative stereochemistry.



RN 866619-47-8 CAPLUS

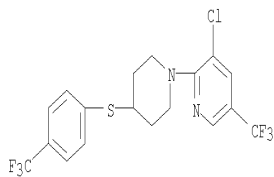
CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-anti)- (CA INDEX NAME)

Relative stereochemistry.



RN 866619-51-4 CAPLUS

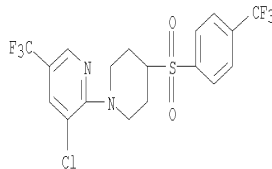
CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[[4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]- (CA INDEX NAME)



Print selected from 10599388.trn

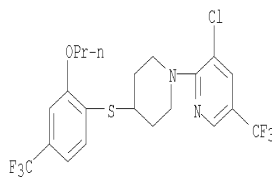
RN 866619-52-5 CAPLUS

CN Pyridine, 3-chloro-5-(trifluoromethyl)-2-[4-[[4-(trifluoromethyl)phenyl]sulfonyl]-1-piperidinyl]- (CA INDEX NAME)



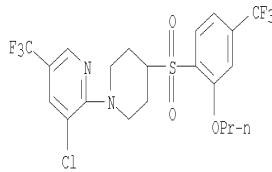
RN 866619-53-6 CAPLUS

CN Pyridine, 3-chloro-2-[4-[[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866619-54-7 CAPLUS

CN Pyridine, 3-chloro-2-[4-[[[2-propoxy-4-(trifluoromethyl)phenyl]sulfonyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)

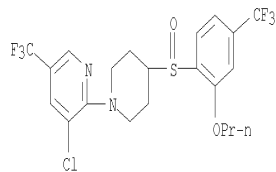


RN 866619-55-8 CAPLUS

CN Pyridine, 3-chloro-2-[4-[[[2-propoxy-4-(trifluoromethyl)phenyl]sulfinyl]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



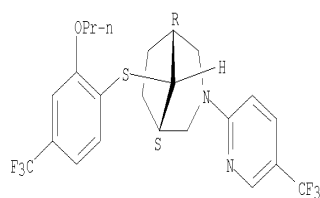
Print selected from 10599388.trn



RN 866619-56-9 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-anti)- (CA INDEX NAME)

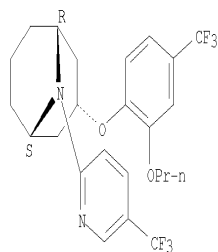
Relative stereochemistry.



RN 866619-57-0 CAPLUS

CN 9-Azabicyclo[3.3.1]nonane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

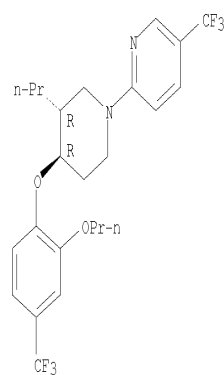


RN 866619-58-1 CAPLUS

CN Pyridine, 2-[(3R,4R)-4-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-propyl-1-piperidinyl]-5-(trifluoromethyl)-, rel- (CA INDEX NAME)

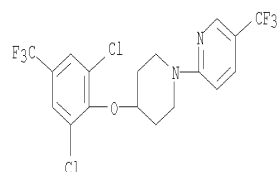
Relative stereochemistry.

Print selected from 10599388.trn



RN 866622-00-6 CAPLUS

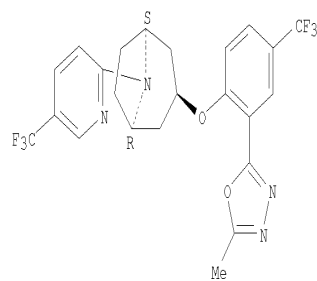
CN Pyridine, 2-[4-[2,6-dichloro-4-(trifluoromethyl)phenoxy]-1-piperidinyl]-5-(trifluoromethyl)- (CA INDEX NAME)



RN 866622-02-8 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(5-methyl-1,3,4-oxadiazol-2-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Relative stereochemistry.

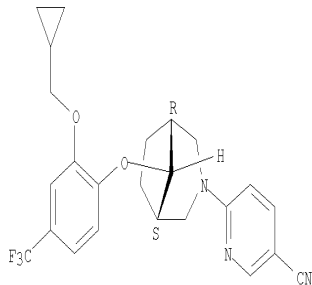


Print selected from 10599388.trn

RN 866622-05-1 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[(8-syn)-8-[2-(cyclopropylmethoxy)-4-(trifluoromethyl)phenoxy]-3-azabicyclo[3.2.1]oct-3-yl]- (CA INDEX NAME)

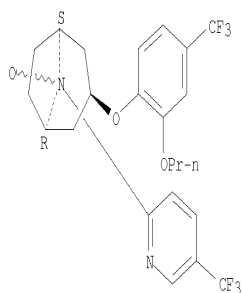
Relative stereochemistry.



RN 866778-19-0 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

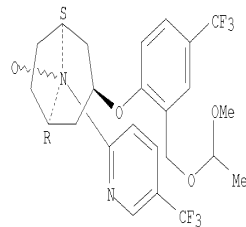


RN 866778-21-4 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-[(1-methoxyethoxy)methyl]-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

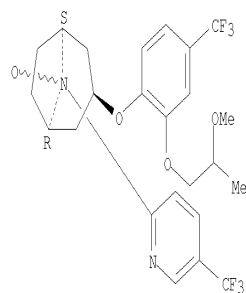
Print selected from 10599388.trn



RN 866778-22-5 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methoxypropoxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, 8-oxide, (3-exo)- (9CI) (CA INDEX NAME)

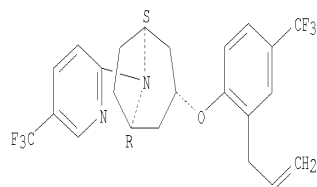
Relative stereochemistry.



RN 866778-23-6 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-propenyl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

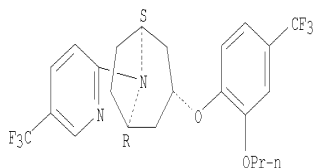


RN 866778-24-7 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Print selected from 10599388.trn

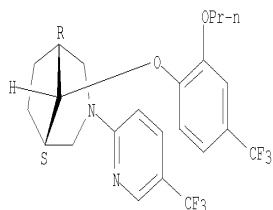
Relative stereochemistry.



RN 866778-25-8 CAPLUS

CN 3-Azabicyclo[3.2.1]octane, 8-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (8-syn)- (CA INDEX NAME)

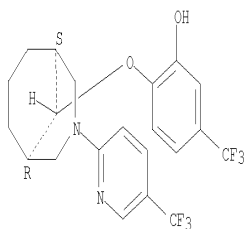
Relative stereochemistry.



RN 866778-26-9 CAPLUS

CN Phenol, 5-(trifluoromethyl)-2-[[[(9-syn)-3-[5-(trifluoromethyl)-2-pyridinyl]-3-azabicyclo[3.3.1]non-9-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.

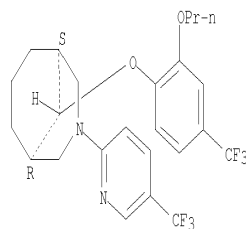


RN 866778-27-0 CAPLUS

CN 3-Azabicyclo[3.3.1]nonane, 9-[2-propoxy-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

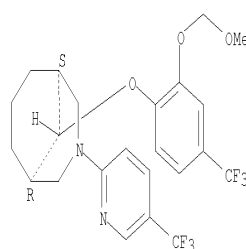
Print selected from 10599388.trn



RN 866778-28-1 CAPLUS

CN 3-Azabicyclo[3.3.1]nonane, 9-[2-(methoxymethoxy)-4-(trifluoromethyl)phenoxy]-3-[5-(trifluoromethyl)-2-pyridinyl]-, (9-syn)- (9CI) (CA INDEX NAME)

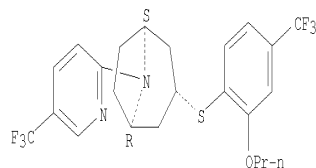
Relative stereochemistry.



RN 866778-29-2 CAPLUS

CN 8-Azabicyclo[3.2.1]octane, 3-[[[2-propoxy-4-(trifluoromethyl)phenyl]thio]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (CA INDEX NAME)

Relative stereochemistry.

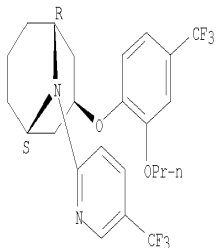


RN 866778-30-5 CAPLUS

CN 9-Azabicyclo[3.3.1]nonane, 3-[2-propoxy-4-(trifluoromethyl)phenoxy]-9-[5-(trifluoromethyl)-2-pyridinyl]-, (3-exo)- (9CI) (CA INDEX NAME)

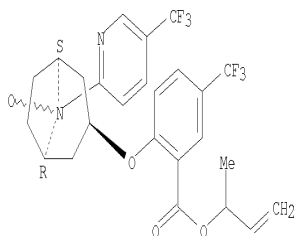
Relative stereochemistry.

Print selected from 10599388.trn



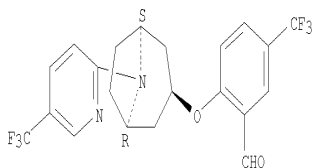
RN 866778-31-6 CAPLUS  
CN Benzoic acid, 2-[[[(3-endo)-8-oxido-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]-5-(trifluoromethyl)-, 1-methyl-2-propenyl ester (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 866615-39-6P 866615-40-9P 866615-66-9P  
866615-72-7P 866615-75-0P 866615-78-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of N-(2-pyridyl)cyclic amine derivs. as pesticides such as insecticides and miticides)  
RN 866615-39-6 CAPLUS  
CN Benzaldehyde, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

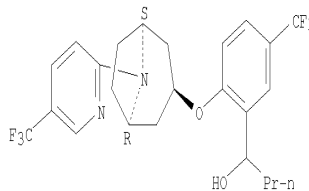
Relative stereochemistry.



Print selected from 10599388.trn

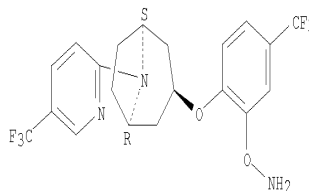
RN 866615-40-9 CAPLUS  
CN Benzenemethanol,  $\alpha$ -propyl-5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

Relative stereochemistry.



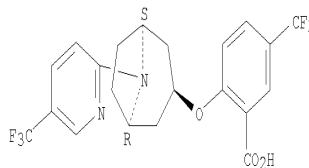
RN 866615-66-9 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(aminooxy)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 866615-72-7 CAPLUS  
CN Benzoic acid, 5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]- (CA INDEX NAME)

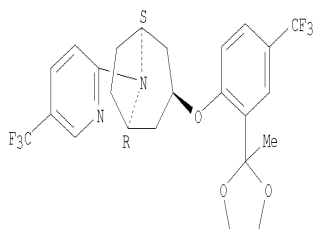
Relative stereochemistry.



RN 866615-75-0 CAPLUS  
CN 8-Azabicyclo[3.2.1]octane, 3-[2-(2-methyl-1,3-dioxolan-2-yl)-4-(trifluoromethyl)phenoxy]-8-[5-(trifluoromethyl)-2-pyridinyl]-, (3-endo)- (CA INDEX NAME)

Print selected from 10599388.trn

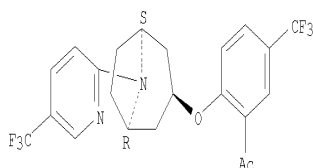
Relative stereochemistry.



RN 866615-78-3 CAPLUS

CN Ethanone, 1-[5-(trifluoromethyl)-2-[[[(3-endo)-8-[5-(trifluoromethyl)-2-pyridinyl]-8-azabicyclo[3.2.1]oct-3-yl]oxy]phenyl]- (CA INDEX NAME)

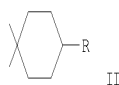
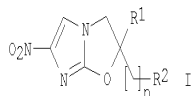
Relative stereochemistry.



L5 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2005:409528 Document No. 142:463728 Preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis. Tsubouchi, Hidetsugu; Sasaki, Hirofumi; Itotani, Motohiro; Haraguchi, Yoshikazu; Miyamura, Shin; Matsumoto, Makoto; Hashizume, Hiroyuki; Tomishige, Tatsuo; Kawasaki, Masanori; Ohguro, Kinue; Sumida, Takumi; Hasegawa, Takeshi; Tanaka, Kazuo; Takemura, Isao (Otsuka Pharmaceutical Co., Ltd., Japan). PCT Int. Appl. WO 2005042542 A1 20050512, 941 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-JP16492 20041029. PRIORITY: JP 2003-373206 20031031; JP 2004-111720 20040406.

GI



Print selected from 10599388.trn

AB The title compds. I [R1 = H, alkyl; n = 0-6; R1 and (CH2)nR2, together with the adjacent carbon atom, may form a spiro ring represented by II (wherein R = substituted piperidyl; R2 = benzothiazolyloxy, quinolyloxy, pyridyloxy, etc.) which have an excellent bactericidal action against Mycobacterium tuberculosis, multi-drug-resistant Mycobacterium tuberculosis, and atypical acid-fast bacteria, were prepared and formulated. Thus, reacting (R)-2-chloro-1-(2-methyl-2-oxiranylmethyl)-4-nitro-1H-imidazole with 6-hydroxy-2-[4-(4-trifluoromethoxybenzyl)piperazin-1-yl]benzothiazole in the presence of NaH in DMF afforded 33% (R)-2-methyl-6-nitro-2-[2-[4-(4-trifluoromethoxybenzyl)piperazin-1-yl]benzothiazol-6-yl]oxymethyl]-2,3-dihydroimidazo[2,1-b]oxazole which showed MIC of 0.2 µg/mL in antibacterial test against M. tuberculosis Kurono in 7H11 medium.

IT 851682-71-8P

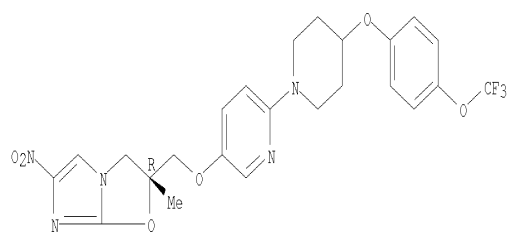
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis)

RN 851682-71-8 CAPLUS

CN Imidazo[2,1-b]oxazole, 2,3-dihydro-2-methyl-6-nitro-2-[[[6-[4-(4-(trifluoromethoxy)phenoxy)-1-piperidinyl]-3-pyridinyl]oxy]methyl]-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



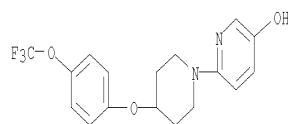
IT 851703-62-3

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of 2,3-dihydro-6-nitroimidazo[2,1-b]oxazoles for the treatment of tuberculosis)

RN 851703-62-3 CAPLUS

CN 3-Pyridinol, 6-[4-[4-(trifluoromethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)

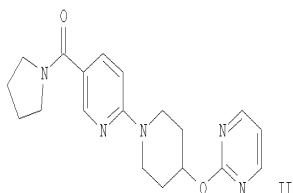
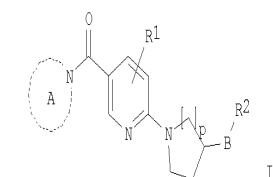


Print selected from 10599388.trn

L5 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2004:718534 Document No. 141:243344 Preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivatives as immunosuppressants. Baxter, Andrew; Eyssade, Christine; Guile, Simon; King, Sarah; Pimm, Austen; Reuberson, James; Thorne, Philip (AstraZeneca AB, Swed.). PCT Int. Appl. WO 2004074278 A1 20040902, 75 pp. DESIGNATED STATES: W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, ML, MR, NE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2004-SE216 20040218. PRIORITY: SE 2003-456 20030219.

GI



AB The title compds. [I; A = 4-6 membered saturated ring; p = 1-2; R1 = H, alkyl, halo, NR4R5, X(alkyl); X = O, S, NR4; B = a bond, CH2, O, S, SO, SO2, NH; R2 = (un)substituted Ph, heteroaryl with one or more N atoms, (un)saturated bicyclic system containing one or more heteroatoms; R4, R5 = H, alkyl] and their pharmaceutically acceptable salts, were prepared E.g., a multi-step synthesis of II, was given. The compds. I were tested for inhibition of PMA/ionomycin-stimulated peripheral blood mononuclear cell proliferation (data were given for representative compds. I). Processes for the preparation of the compds. I together with pharmaceutical compns. containing them and their use in therapy in particular in the modulation of autoimmune disease

Print selected from 10599388.trn

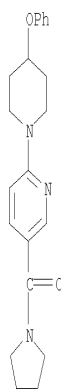
are also described.

IT 749898-43-9P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as immunosuppressants)

RN 749898-43-9 CAPLUS

CN Pyrrolidine, 1-[[6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



IT 749898-45-1P 749898-46-2P 749898-47-3P

749899-59-0P 749899-61-4P

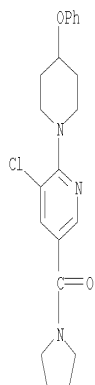
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as immunosuppressants)

RN 749898-45-1 CAPLUS

CN Pyrrolidine, 1-[[5-chloro-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

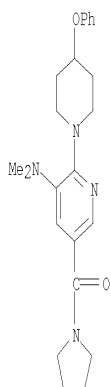
Print selected from 10599388.trn



● HCl

RN 749898-46-2 CAPLUS

CN Pyrrolidine, 1-[[5-(dimethylamino)-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]-, hydrochloride (9CI) (CA INDEX NAME)

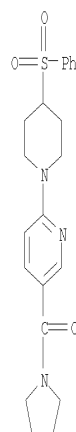


●x HCl

RN 749898-47-3 CAPLUS

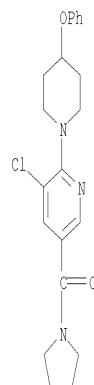
CN Pyrrolidine, 1-[[6-[4-(phenylsulfonyl)-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



RN 749899-59-0 CAPLUS

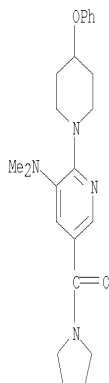
CN Pyrrolidine, 1-[[5-chloro-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



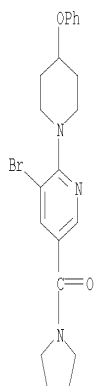
RN 749899-61-4 CAPLUS

CN Pyrrolidine, 1-[[5-(dimethylamino)-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

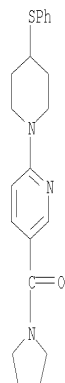


IT 749899-04-5P 749899-06-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of 1-[(3-pyridinyl)carbonyl]pyrrolidine derivs. as  
immunosuppressants)  
RN 749899-04-5 CAPLUS  
CN Pyrrolidine, 1-[[5-bromo-6-(4-phenoxy-1-piperidinyl)-3-pyridinyl]carbonyl]-  
(9CI) (CA INDEX NAME)



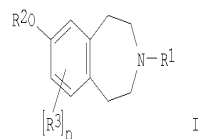
RN 749899-06-7 CAPLUS  
CN Pyrrolidine, 1-[[6-(4-(phenylthio)-1-piperidinyl)-3-pyridinyl]carbonyl]-  
(9CI) (CA INDEX NAME)

Print selected from 10599388.trn



L5 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
2004:546416 Document No. 141:106391 Preparation of benzo[d]azepine  
derivatives as antagonists and/or inverse agonists of the histamine H3  
receptor for the treatment of neurological disorders. Bamford, Mark  
James; Dean, David Kenneth; Sehmi, Sanjeet Singh; Wilson, David Matthew;  
Witherington, Jason (Glaxo Group Limited, UK). PCT Int. Appl. WO  
2004056369 A1 20040708, 106 pp. DESIGNATED STATES: W: AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK,  
DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,  
SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW;  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB,  
GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English).  
CODEN: PIXXD2. APPLICATION: WO 2003-EP14556 20031218. PRIORITY: GB  
2002-29820 20021220; GB 2003-12607 20030602.

GI



AB The title compds. [I; R1 = cycloalkyl optionally substituted by alkyl; R2  
= H, alkyl, X(cycloalkyl), X(aryl), etc.; X = a bond, alkyl; R3 = halo,  
alkyl, alkoxy, CN, NH2, CF3; n = 0-2], useful in the treatment of neurol.  
and psychiatric disorders, were prepared Thus, reacting  
7-benzoyloxy-1,2,4,5-tetrahydrobenzo[d]azepine (preparation given) with  
cyclobutanone in the presence of NaBH(OAc)3 afforded I [R1 = cyclobutyl;



Print selected from 10599388.trn

R2 = CH2Ph; n = 0] which showed pKb of 9.0-10.5 in the histamine H3 functional antagonist assay. The pharmaceutical composition comprising the compound I is claimed.

IT 720691-13-4P 720691-14-5P 720691-15-6P

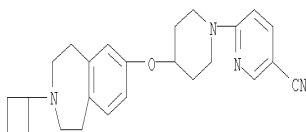
720691-16-7P 720691-17-8P 720691-18-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzo[d]azepine derivs. as antagonists and/or inverse agonists of the histamine H3 receptor for the treatment of neurol. disorders)

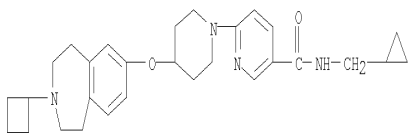
RN 720691-13-4 CAPLUS

CN 3-Pyridinecarbonitrile, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]- (CA INDEX NAME)



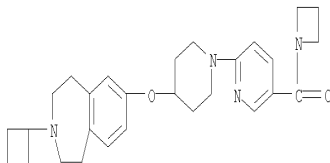
RN 720691-14-5 CAPLUS

CN 3-Pyridinecarboxamide, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-N-(cyclopropylmethyl)- (CA INDEX NAME)



RN 720691-15-6 CAPLUS

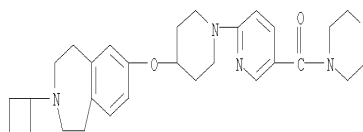
CN Azetidine, 1-[[6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



RN 720691-16-7 CAPLUS

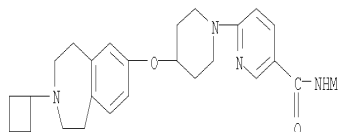
Print selected from 10599388.trn

CN Morpholine, 4-[[6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-3-pyridinyl]carbonyl]- (9CI) (CA INDEX NAME)



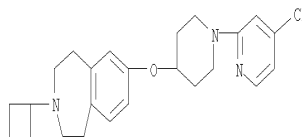
RN 720691-17-8 CAPLUS

CN 3-Pyridinecarboxamide, 6-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]-N-methyl- (CA INDEX NAME)



RN 720691-18-9 CAPLUS

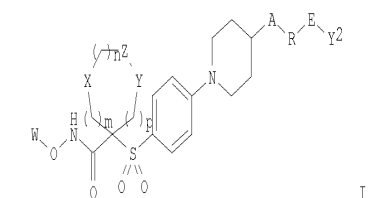
CN 4-Pyridinecarbonitrile, 2-[4-[(3-cyclobutyl-2,3,4,5-tetrahydro-1H-3-benzazepin-7-yl)oxy]-1-piperidinyl]- (CA INDEX NAME)



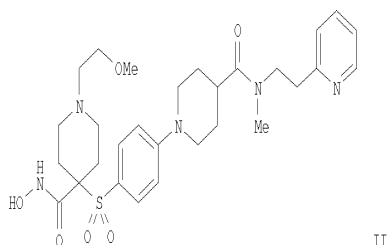
L5 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2008 ACS ON STN

2004:485162 Document No. 141:38534 Preparation of aromatic sulfone hydroxamic acid metalloprotease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffrey N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Li, Madeleine H.; Hockerman, Susan L.; Howard, Susan C.; Kolodziej, Steve A.; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I. (Pharmacia Corporation, USA). U.S. US 6750228 B1 20040615, 403 pp., Cont.-in-part of U.S. Ser. No. 311,837. (English). CODEN: USXXAM. APPLICATION: US 2000-570731 20000512. PRIORITY: US 1997-66007P 19971114; US 1998-95347P 19980804; US 1998-101080P 19980918; US 1999-256948 19990224; US 1999-311837 19990514.

GI



I



II

AB A treatment process is disclosed that comprises administering an effective amount of an aromatic sulfone hydroxamic acid I [W = H, cation, certain acyl or thioacyl groups; m, n, p = 0-2; (m+n+p) = 1 to 4; Z = (un)substituted NH; X, Y = (un)substituted CH<sub>2</sub>; A = bond, O, S, (un)substituted NH, COO, OCO, CH:CH, C.tpbond.C, N:N, NHHH, NHCOO, (un)substituted CONH, NHCO, etc.; R = alkylene, arylene, heteroarylene, etc., with provisos; E = bond, CONH, NHCO, CO, SO<sub>2</sub>, NHSO<sub>2</sub>, SO<sub>2</sub>NH, S, etc.; Y<sub>2</sub> = absent, H, alkyl, alkoxy, aryl, aryloxy, heteroaryl, etc.] to a host having a condition associated with pathol. matrix metalloprotease (MMP) activity. I exhibit excellent inhibitory activity of one or more MMP enzymes, such as MMP-2, MMP-9 and MMP-13, while exhibiting substantially less inhibition of (at least) MMP-1 (biol. data given). Also disclosed are metalloprotease inhibitor compds. having such selective activities, processes for manufacture of such compds., and pharmaceutical compns. using such inhibitors. The compds. are potentially useful against a wide variety of conditions, notably as antiosteoarthritic, antiangiogenesis, and antitumor agents. Over 900 example compds. are listed, most with supporting phys. data, and many with synthetic details. E.g., a multi-step synthesis of the compound II.2HCl was given.

IT 308825-31-2P 308825-32-3P 308825-47-0P  
308825-54-9P 308825-55-0P 308825-59-4P  
308825-63-0P 308825-70-9P 308825-71-0P  
308825-74-3P 308826-05-3P 308826-07-5P  
308826-11-1P 308826-13-3P 308826-15-5P  
308826-25-7P 308826-43-9P

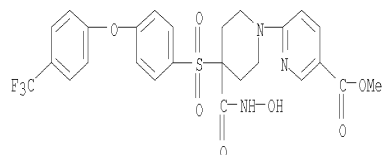
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

## (Uses)

(drug candidate; preparation of aromatic sulfone hydroxamic acids as metalloprotease inhibitors)

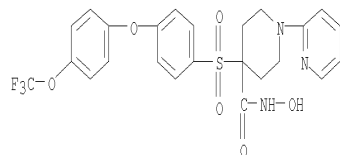
RN 308825-31-2 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[4-[(hydroxyamino)carbonyl]-4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester (CA INDEX NAME)



RN 308825-32-3 CAPLUS

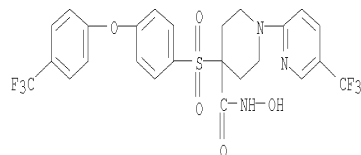
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 308825-47-0 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[5-(trifluoromethyl)-2-pyridinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

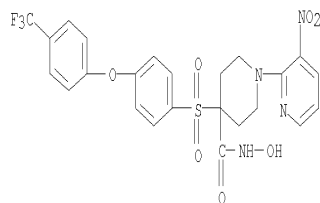


● HCl

Print selected from 10599388.trn

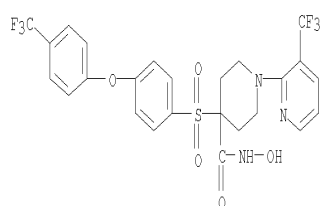
RN 308825-54-9 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-nitro-2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



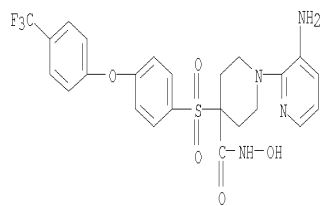
RN 308825-55-0 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[3-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



RN 308825-59-4 CAPLUS

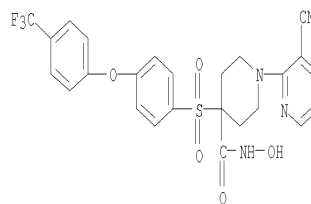
CN 4-Piperidinecarboxamide, 1-(3-amino-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



RN 308825-63-0 CAPLUS

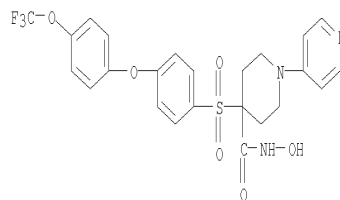
CN 4-Piperidinecarboxamide, 1-(3-cyano-2-pyridinyl)-N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)

Print selected from 10599388.trn



RN 308825-70-9 CAPLUS

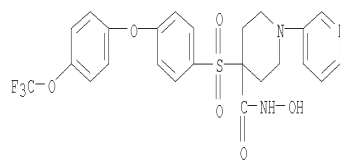
CN 4-Piperidinecarboxamide, N-hydroxy-1-(4-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 308825-71-0 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

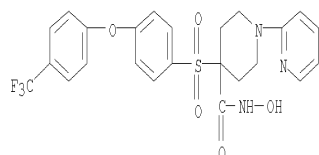


● HCl

RN 308825-74-3 CAPLUS

Print selected from 10599388.trn

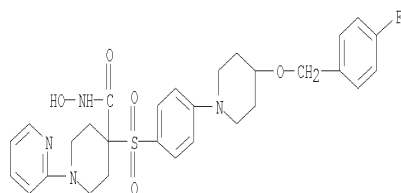
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethyl)phenoxy]phenylsulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

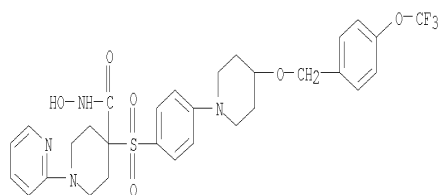
RN 308826-05-3 CAPLUS

CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-fluorophenyl)methoxy]-1-piperidinyl]phenylsulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-07-5 CAPLUS

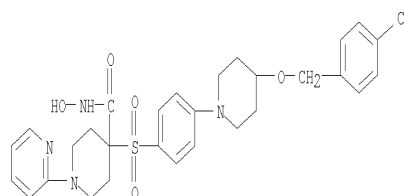
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-[[4-(trifluoromethoxy)phenyl]methoxy]-1-piperidinyl]phenylsulfonyl]- (CA INDEX NAME)



RN 308826-11-1 CAPLUS

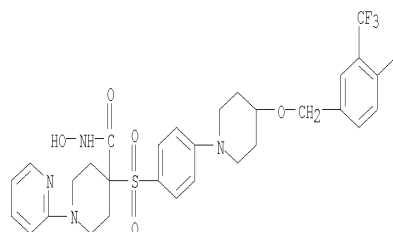
CN 4-Piperidinecarboxamide, 4-[[4-[4-[(4-chlorophenyl)methoxy]-1-piperidinyl]phenylsulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)

Print selected from 10599388.trn



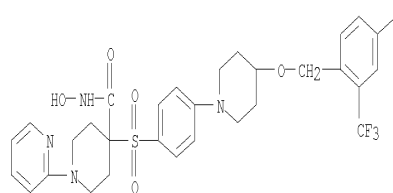
RN 308826-13-3 CAPLUS

CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-3-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenylsulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-15-5 CAPLUS

CN 4-Piperidinecarboxamide, 4-[[4-[4-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenylsulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



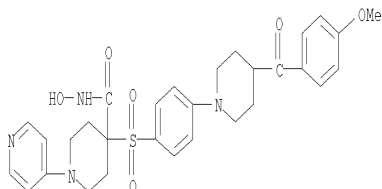
RN 308826-25-7 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(4-methoxybenzoyl)-1-piperidinyl]phenylsulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

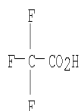
CM 1

Print selected from 10599388.trn

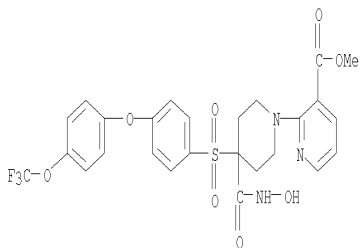
CRN 308826-24-6  
CMF C30 H34 N4 O6 S



CM 2  
CRN 76-05-1  
CMF C2 H F3 O2



RN 308826-43-9 CAPLUS  
CN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)



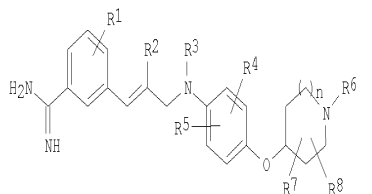
● HCl

L5 ANSWER 17 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

Print selected from 10599388.trn

2004:411619 Document No. 140:400071 Blood-coagulation factor Xa inhibitors for prophylactic or therapeutic treatment of cerebral or myocardial infarction and peripheral circulation disorder. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi (Sankyo Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 2004143164 A 20040520, 189 pp. (Japanese). CODEN: JKKXAF. APPLICATION: JP 2003-345161 20031003. PRIORITY: JP 2002-290838 20021003.

GI



AB Title inhibitors contain benzamidines I [R1 = H, halo, C1-6 alkyl, OH; R2 = H, halo; R3 = H, C1-6 alkyl, C2-7 carboxyalkyl, C1-6 alkylsulfonyl, etc.; R4, R5 = H, halo, C1-6 (halo)alkyl, C1-6 alkoxy, CO2H, alkylcarbamoyl, etc.; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, C7-16 aralkyl, C6-10 aryl, heterocyclyl, etc.; R7, R8 = H, C1-6 alkyl; R6R7 or R7R8 may be bonded to form C2-5 alkylene; n = 0-2], their pharmacol. acceptable salts, or their prodrugs. Thus, N-[3-(3-aminophenyl)-2(E)-propenyl]-N-[3-chloro-4-(1-ethylpiperidin-4-yloxy)phenyl]sulfamoylacetic acid 2HCl salt inhibited factor Xa with IC50 value of 10 nM.

IT 470476-01-8P 470476-02-9P 470476-03-0P  
470476-04-1P 470476-05-2P 470476-06-3P  
470476-33-6P 470476-34-7P 470476-39-2P  
470476-40-5P 470476-45-0P 470476-46-1P  
470476-49-4P 470476-50-7P 470476-55-2P  
470476-56-3P 470476-60-9P 470476-61-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

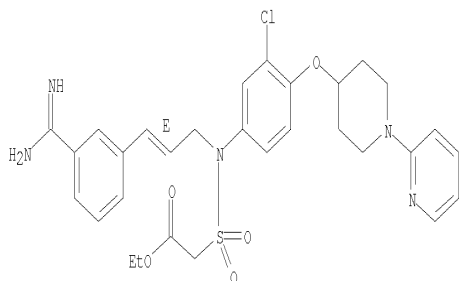
(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)

RN 470476-01-8 CAPLUS

CN Acetic acid, [[[2(E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

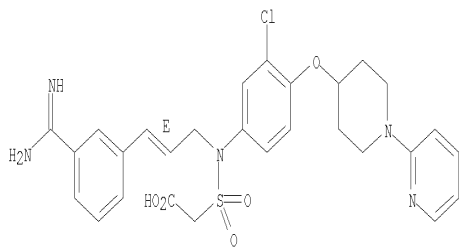
Print selected from 10599388.trn



● 2 HCl

RN 470476-02-9 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

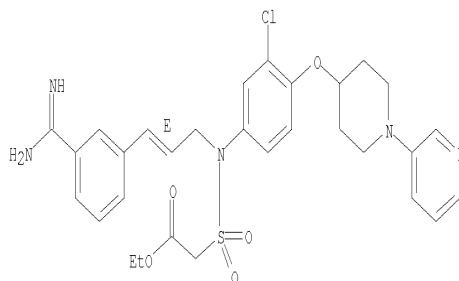


● 2 HCl

RN 470476-03-0 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

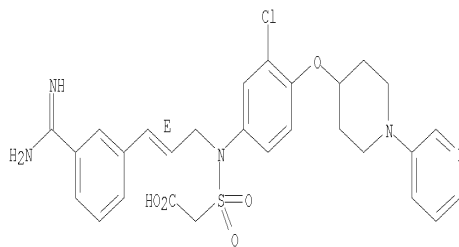
Print selected from 10599388.trn



● 2 HCl

RN 470476-04-1 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

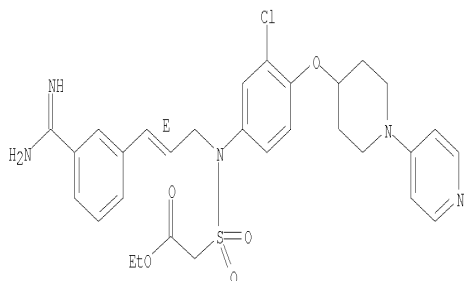


● 2 HCl

RN 470476-05-2 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

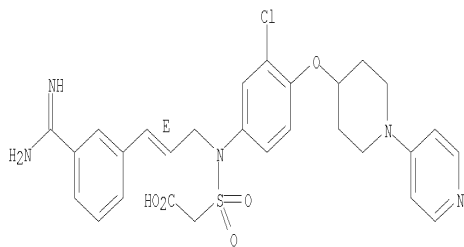


● 2 HCl

RN 470476-06-3 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



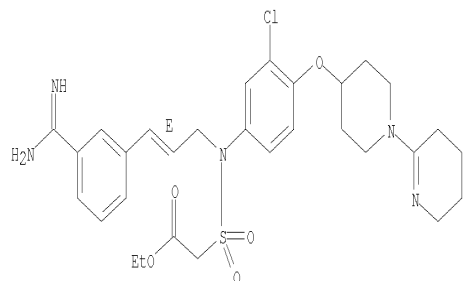
● 2 HCl

RN 470476-33-6 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

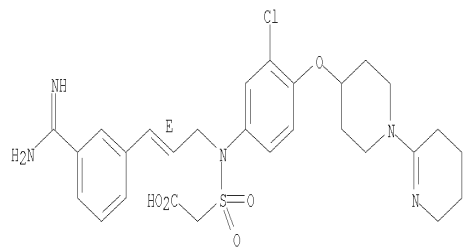


● 2 HCl

RN 470476-34-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



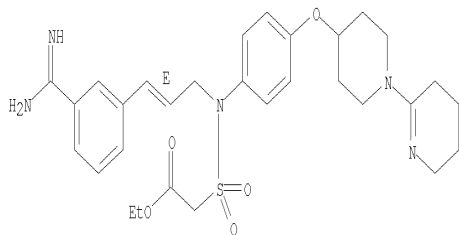
● 2 HCl

RN 470476-39-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

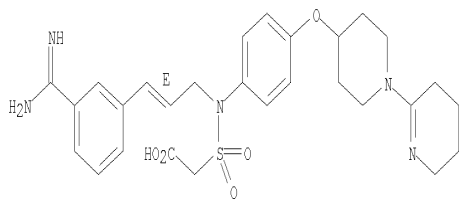


●2 HCl

RN 470476-40-5 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



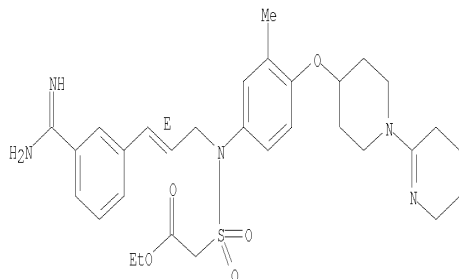
●2 HCl

RN 470476-45-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

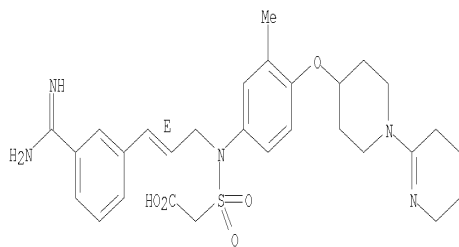


●2 HCl

RN 470476-46-1 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



●2 HCl

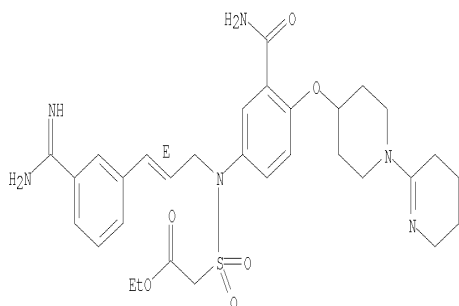
RN 470476-49-4 CAPLUS

CN Acetic acid, [[[(3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl)[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



Print selected from 10599388.trn

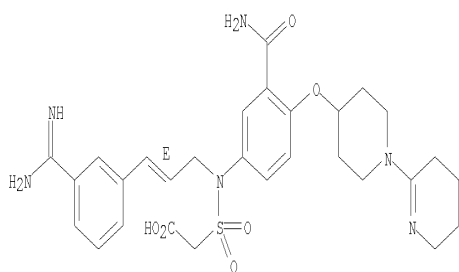


● 2 HCl

RN 470476-50-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



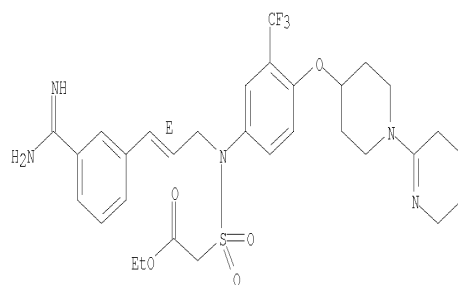
● 2 HCl

RN 470476-55-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

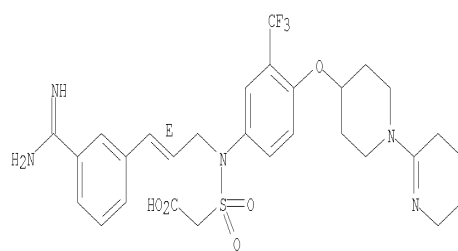


● 2 HCl

RN 470476-56-3 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]-3-(trifluoromethyl)phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



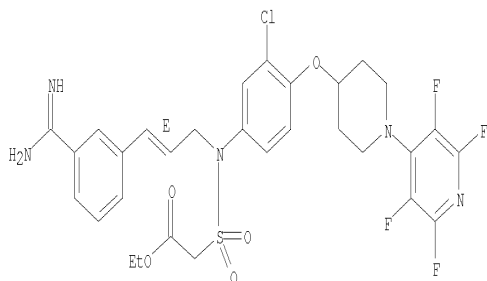
● 2 HCl

RN 470476-60-9 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

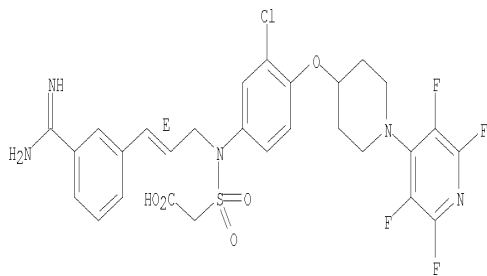


● 2 HCl

RN 470476-61-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● 2 HCl

IT 470477-34-0P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P 470477-37-3P 470477-38-4P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P 470477-41-9P 470477-42-0P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P 470477-47-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

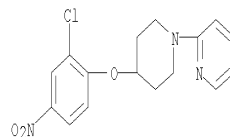
Print selected from 10599388.trn

(Reactant or reagent)

(preparation of benzamidines as blood-coagulation factor Xa inhibitors for treatment of cardiovascular diseases)

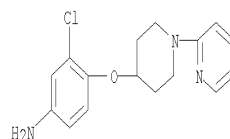
RN 470477-34-0 CAPLUS

CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



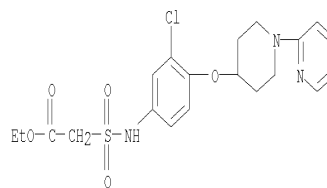
RN 470477-35-1 CAPLUS

CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 470477-36-2 CAPLUS

CN Acetic acid, [[[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

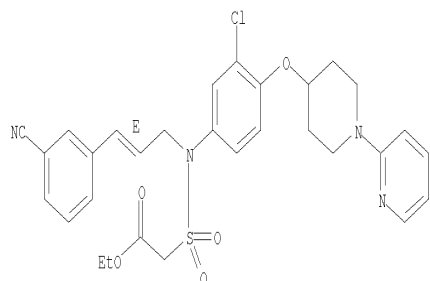


RN 470477-37-3 CAPLUS

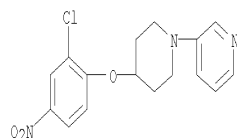
CN Acetic acid, [[[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

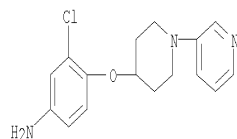
Print selected from 10599388.trn



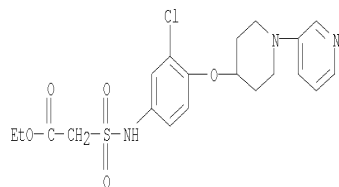
RN 470477-38-4 CAPLUS  
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-39-5 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



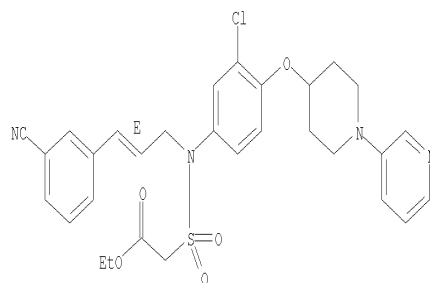
RN 470477-40-8 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



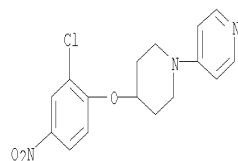
Print selected from 10599388.trn

RN 470477-41-9 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

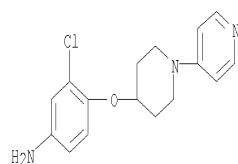
Double bond geometry as shown.



RN 470477-42-0 CAPLUS  
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

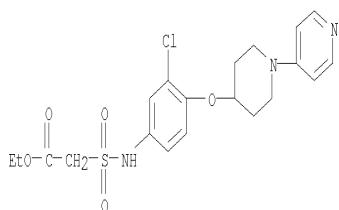


RN 470477-44-2 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 470477-46-4 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

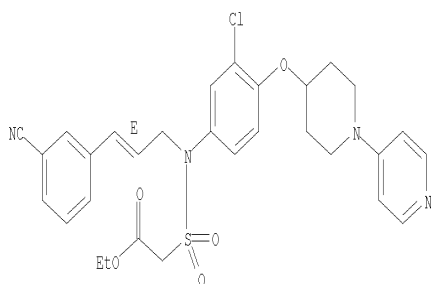
Print selected from 10599388.trn



RN 470477-47-5 CAPLUS

CN Acetic acid, [[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



L5 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2003:300620 Document No. 138:321016 Preparation of aromatic sulfone hydroxamic acids and their use as protease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffery N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Li, Madeleine H.; Hockerman, Susan L.; Howard, Carol Percy; Kolodziej, Steve A.; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I.; Kassab, Darren J. (Pharmacia Corp., USA). U.S. Pat. Appl. Publ. US 2003073718 A1 20030417, 99 pp., Cont. of U.S. Ser. No. 570,731. (English). CODEN: USXXCO. APPLICATION: US 2001-989943 20011121. PRIORITY: US 2000-570731 20000512.

GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Print selected from 10599388.trn

AB Title compds. I [Z = C(O), O, S, NR<sub>6</sub>, etc.; R<sub>6</sub> = H, CHO, sulfonyl, etc.; E = bond, C(O), S; Y = H, alkyl, alkoxy, haloalkyl, aryl, etc.; R = H, CN, perfluoroalkyl, trifluoromethoxy, etc.] are prepared For instance, Me chloroacetate is reacted with p-fluorothiophenol and the resulting sulfide oxidized to the sulfone (MeOHag, Oxone), reacted with bis(2-bromoethyl)ether (DMAC, K<sub>2</sub>CO<sub>3</sub>, DMAP, Bu<sub>4</sub>NBr), saponified (THF, KOTMS) and coupled to a solid support to give II [P = polymer support]. II is reacted with Et isonipecotate (NMP, 80°, 65 h), the product saponified (dioxane, KOH), coupled with 3,5-dimethylpiperidine and released from the resin to give hydroxamic acid III. Example compds. are tested for inhibition of MMP-13, MMP-2 and MMP-1. I are useful for disorders associated with MMP and/or aggrecanase activity.

IT 308826-25-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(aromatic sulfone hydroxamic acids and their use as protease inhibitors)

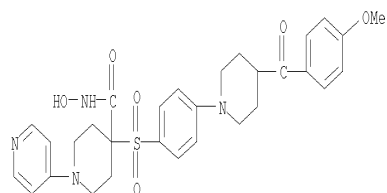
RN 308826-25-7 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(4-methoxybenzoyl)-1-piperidinyl]phenyl]sulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 308826-24-6

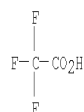
CMF C30 H34 N4 O6 S



CM 2

CRN 76-05-1

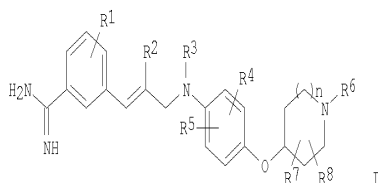
CMF C2 H F3 O2



L5 ANSWER 19 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2002:868737 Document No. 137:369982 Preparation of 2-[3-[4-(4-piperidinyl)oxy]anilino]-1-propenyl]benzamidines and composition containing them for iontophoresis. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi; Inoue, Kazuhiro; Okada, Junichi (Sankyo Company, Limited, Japan). PCT Int. Appl. WO 2002089803 A1 20021114, 400 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2002-JP4422 20020507. PRIORITY: JP 2001-136159 20010507.

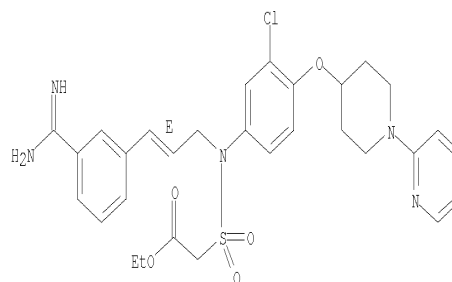
GI



AB An iontophoresis composition for blood clotting factor X inhibitors which contains either a benzamidines derivative having the general formula (I) [wherein R1 = H, halo, alkyl, HO; R2 = H, halo, C1-6 alkyl; R3 = H, C1-6 alkyl, C1-6 hydroxyalkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C7-16 aralkyl, C2-7 aliphatic acyl, C2-7 hydroxy-aliphatic acyl, C1-6 alkylsulfonyle, C3-13 alkoxycarbonylalkylsulfonyle, C2-7 carboxyalkylsulfonyle, C3-8 carboxyalkylcarbonyl; R4, R5 = H, halo, C1-6 alkyl, C1-6 haloalkyl, C1-6 alkoxy, CO2H, C2-7 alkoxycarbonyl, CONH2, C2-7 monoalkyl or C3-13 dialkylcarbonyl; R6 = H, C1-6 alkyl, C3-8 cycloalkyl, C7-16 aralkyl, heterocyclyl-C1-6 alkyl, C2-7 carboxyalkyl, C3-13 alkoxycarbonylalkyl, C2-7 aliphatic acyl, C7-11 aromatic acyl, CONH2, C1-6 alkylsulfonyle, C6-10 aryl, heterocyclyl, formimidoyl, C2-7 1-iminoalkyl, C2-7 N-alkylformimidoyl, C7-11 iminoarylmethyl; R7, R8 = H, C1-6 alkyl; or R6 and R7 or R7 and R8 together represent C2-5 alkylene; n = 0, 1, 2] or a pharmacol. acceptable salt of the derivative is disclosed. The compds. I are readily absorbed through skin and useful as remedies or preventives for thrombus or embolus by iontophoresis. Thus, 0.39 g Et acetimidate hydrochloride and 0.87 mL Et3N were added to a solution of [N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]-N-[3-carbamoyl-4-(piperidin-4-yloxy)phenyl]sulfamoyl]acetic acid Et ester in 20 mL ethanol and stirred at room temperature for 6 h to give 75% [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoyl-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-propenyl]phenyl]sulfamoyl]acetic acid Et ester dihydrochloride which (0.64 g) was dissolved in 20 mL 3 N aqueous HCl and heated at 80° for 2 h to give [N-[4-((1-acetimidoylpiperidin-4-yl)oxy)-3-carbamoylphenyl]-N-[(E)-3-(3-amidinophenyl)-2-methyl-2-

propenyl]sulfamoyl]acetic acid dihydrochloride (II). II in vitro exhibited an iontophoresis skin permeability (flux) of 90±7 µg/h/cm2 using a hairless mice skin at skin current of 100 µA/cm2. The 15 compds. I exhibited higher skin permeability compared to two reference compds. IT 470476-01-8P 470476-03-0P 470476-05-2P 470476-33-6P 470476-39-2P 470476-45-0P 470476-49-4P 470476-55-2P 470476-60-9P RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (preparation of [[(piperidinyl)oxy]anilino]propenyl]benzamidines derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis) RN 470476-01-8 CAPLUS CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

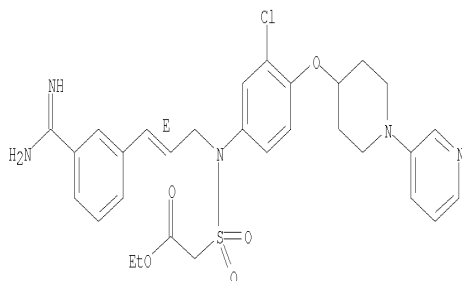


● 2 HCl

RN 470476-03-0 CAPLUS CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

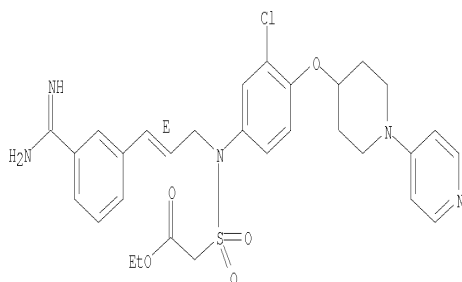


● 2 HCl

RN 470476-05-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



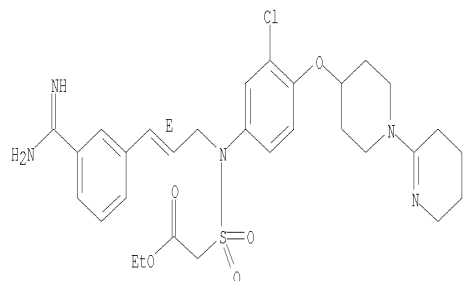
● 2 HCl

RN 470476-33-6 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

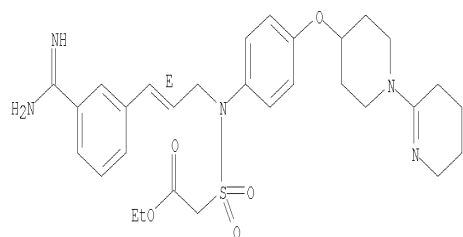


● 2 HCl

RN 470476-39-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



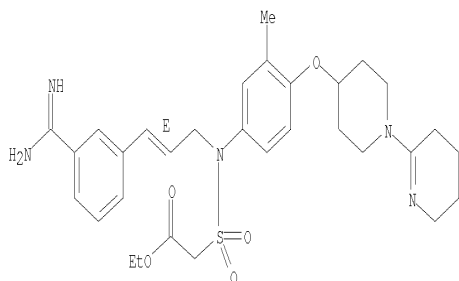
● 2 HCl

RN 470476-45-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

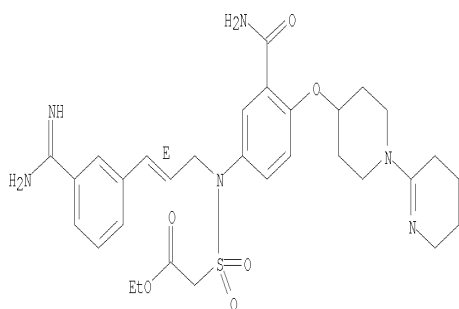
Print selected from 10599388.trn



●2 HCl

RN 470476-49-4 CAPLUS  
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

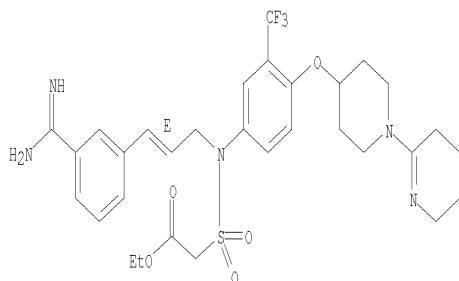


●2 HCl

RN 470476-55-2 CAPLUS  
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

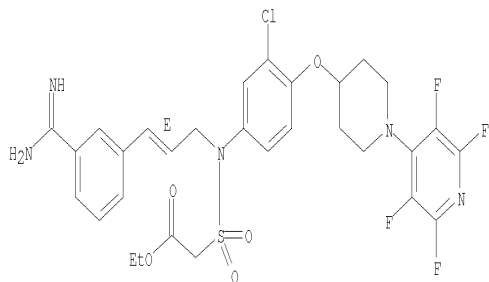
Print selected from 10599388.trn



●2 HCl

RN 470476-60-9 CAPLUS  
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



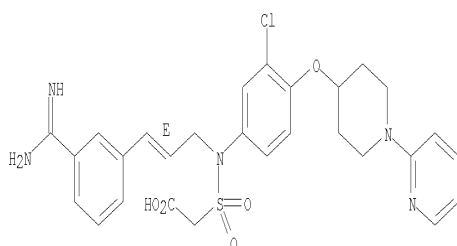
●2 HCl

IT 470476-02-9P 470476-04-1P 470476-06-3P  
470476-34-7P 470476-40-5P 470476-46-1P  
470476-50-7P 470476-56-3P 470476-61-0P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of [[[piperidinyl]oxy]anilino]propenyl]benzamide derivs. as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)  
RN 470476-02-9 CAPLUS  
CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,  
dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

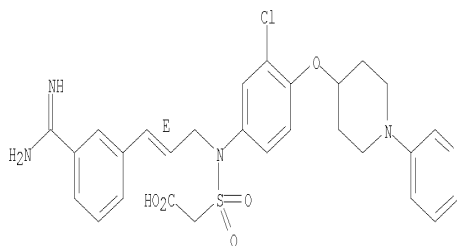


● 2 HCl

RN 470476-04-1 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,  
dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



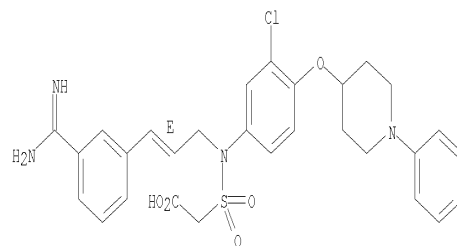
● 2 HCl

RN 470476-06-3 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,  
dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

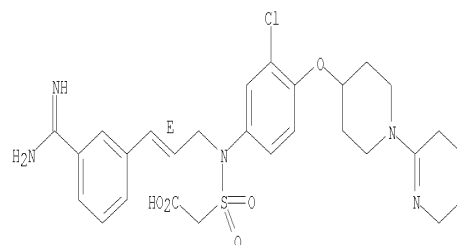


● 2 HCl

RN 470476-34-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,  
dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● 2 HCl

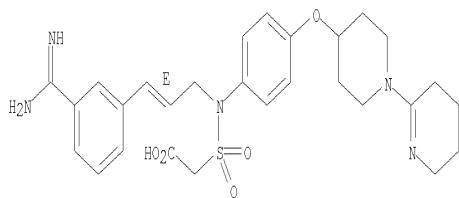
RN 470476-40-5 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-,  
dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



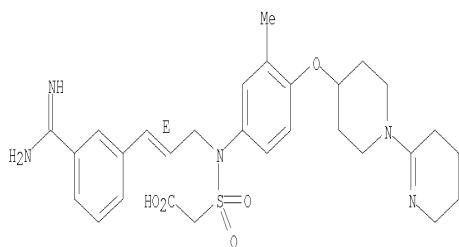
Print selected from 10599388.trn



● 2 HCl

RN 470476-46-1 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

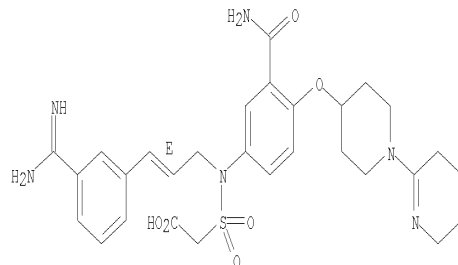


● 2 HCl

RN 470476-50-7 CAPLUS  
CN Acetic acid, [[[(3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

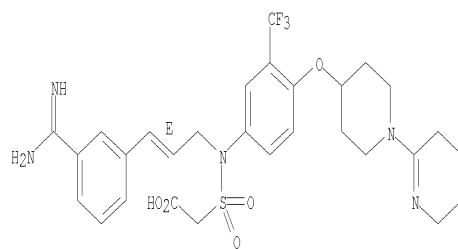
Print selected from 10599388.trn



● 2 HCl

RN 470476-56-3 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

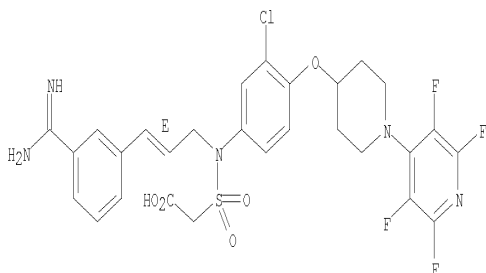


● 2 HCl

RN 470476-61-0 CAPLUS  
CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

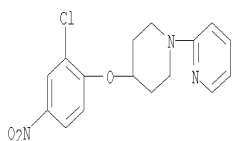
Double bond geometry as shown.

Print selected from 10599388.trn



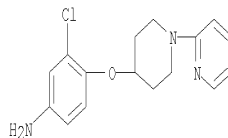
● 2 HCl

IT 470477-34-0P, 3-Chloro-4-[[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P, [N-[3-Chloro-4-[[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-37-3P 470477-38-4P, 3-Chloro-4-[[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P, [N-[3-Chloro-4-[[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-41-9P 470477-42-0P, 3-Chloro-4-[[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P, [N-[3-Chloro-4-[[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoyl]acetic acid ethyl ester 470477-47-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of [[(piperidin-4-yloxy)anilino]propenyl]benzamidines as blood clotting factor X inhibitors for treatment of thrombus and embolus by iontophoresis)  
RN 470477-34-0 CAPLUS  
CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

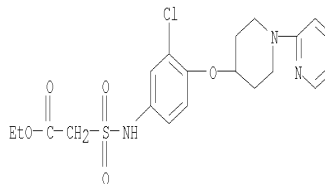


RN 470477-35-1 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

Print selected from 10599388.trn

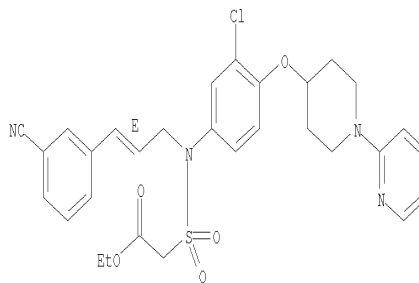


RN 470477-36-2 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



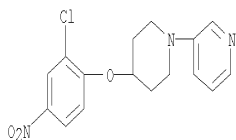
RN 470477-37-3 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl] [(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

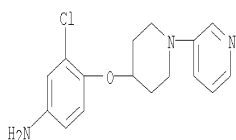


RN 470477-38-4 CAPLUS  
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

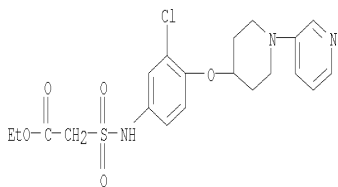
Print selected from 10599388.trn



RN 470477-39-5 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



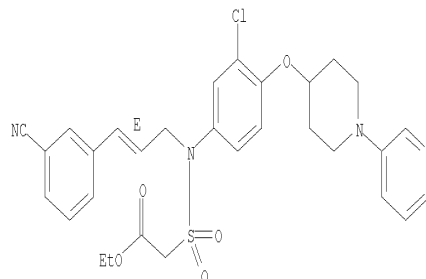
RN 470477-40-8 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



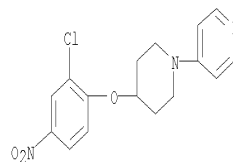
RN 470477-41-9 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

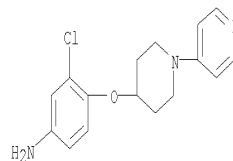
Print selected from 10599388.trn



RN 470477-42-0 CAPLUS  
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

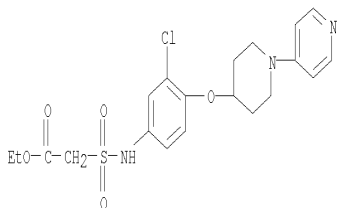


RN 470477-44-2 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 470477-46-4 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

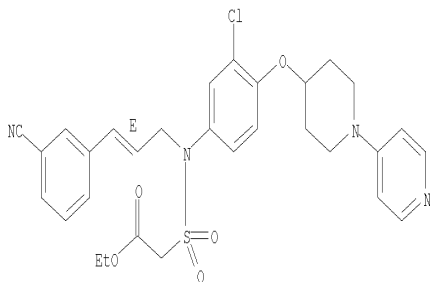
Print selected from 10599388.trn



RN 470477-47-5 CAPLUS

CN Acetic acid, [[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

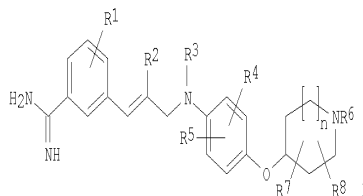


L5 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2002:793603 Document No. 137:310926 Preparation of benzamidine derivatives as inhibitors of activated blood coagulation factor X. Fujimoto, Koichi; Tanaka, Naoki; Shimada, Ikuko; Asai, Fumitoshi (Sankyo Company, Limited, Japan). PCT Int. Appl. WO 2002081448 A1 20021017, 314 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2002-JP3355 20020403. PRIORITY: JP 2001-107615 20010405.

GI

Print selected from 10599388.trn



AB The title compds. I [R1 represents a hydrogen atom, a halogen atom, an alkyl group or a hydroxyl group, R2 represents a hydrogen atom or a halogen atom, R3 represents a hydrogen atom, an alkyl group optionally substituted, an aralkyl group, an alkylcarbonyl group optionally substituted, an alkylsulfonyl group optionally substituted, or the like, R4 and R5 each represent a hydrogen atom, a halogen atom, an alkyl or carbamoyl group optionally substituted, or the like, R6 represents a hetero-ring or the like, R7 and R8 each represent a hydrogen atom, an alkyl group, or the like, and n represents 0,1 or 2] are prepared I are useful in the therapy or prevention of blood coagulation diseases. Compds. of this invention in vitro showed IC50 values of 5.8 nM to 15 nM against factor Xa. Formulations are given.

IT 470476-01-8P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-02-9P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-03-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-04-1P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-05-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-06-3P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-33-6P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-34-7P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-39-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-40-5P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-45-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-methyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid ethyl ester dihydrochloride 470476-46-1P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-methyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl]sulfamoylactic acid dihydrochloride 470476-49-4P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-carbamoyl-4-[1-(2,3,4,5-

Print selected from 10599388.trn

tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl)sulfamoylactic acid ethyl ester dihydrochloride 470476-50-7P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-carbamoyl-4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]phenyl)sulfamoylactic acid dihydrochloride 470476-55-2P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]-3-trifluoromethylphenyl)sulfamoylactic acid ethyl ester dihydrochloride 470476-56-3P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[4-[1-(2,3,4,5-tetrahydropyridin-6-yl)piperidin-4-yloxy]-3-trifluoromethylphenyl)sulfamoylactic acid dihydrochloride 470476-60-9P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,5,6-tetrafluoropyridin-4-yl)piperidin-4-yloxy]phenyl)sulfamoylactic acid ethyl ester dihydrochloride 470476-61-0P, N-[3-(3-Amidinophenyl)-2-(E)-propenyl]-N-[3-chloro-4-[1-(2,3,5,6-tetrafluoropyridin-4-yl)piperidin-4-yloxy]phenyl)sulfamoylactic acid dihydrochloride

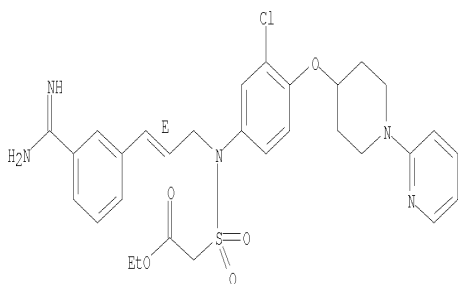
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470476-01-8 CAPLUS

CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



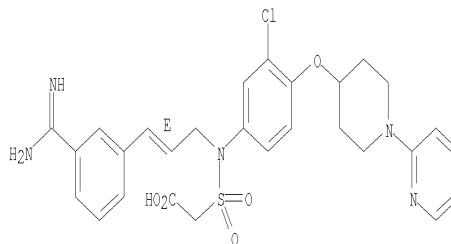
● 2 HCl

RN 470476-02-9 CAPLUS

CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

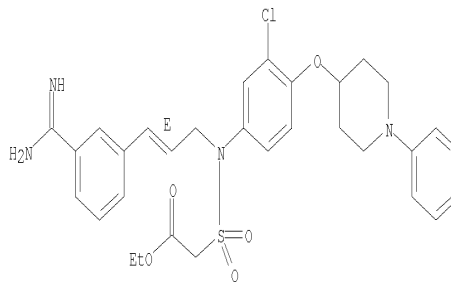


● 2 HCl

RN 470476-03-0 CAPLUS

CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



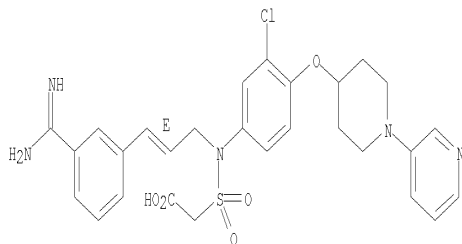
● 2 HCl

RN 470476-04-1 CAPLUS

CN Acetic acid, [[[2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

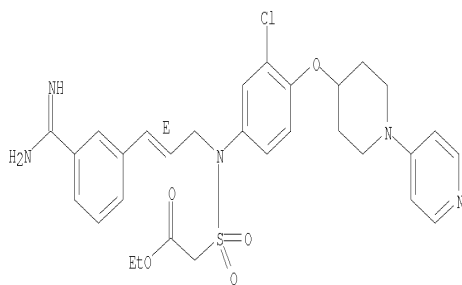


●2 HCl

RN 470476-05-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



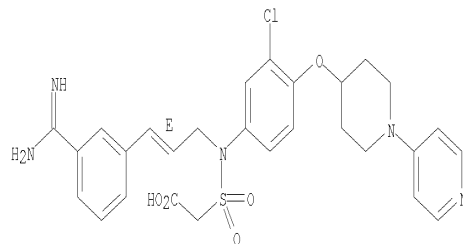
●2 HCl

RN 470476-06-3 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

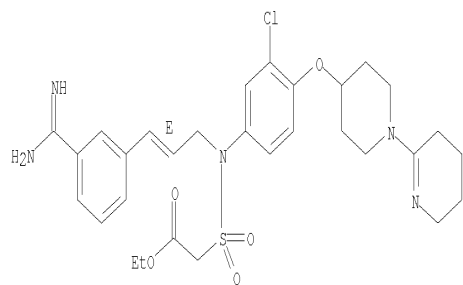


●2 HCl

RN 470476-33-6 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



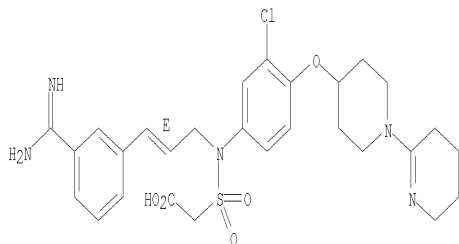
●2 HCl

RN 470476-34-7 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

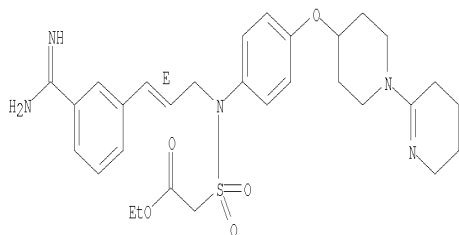


● 2 HCl

RN 470476-39-2 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



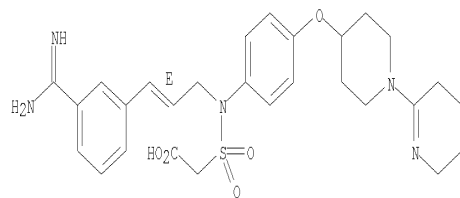
● 2 HCl

RN 470476-40-5 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

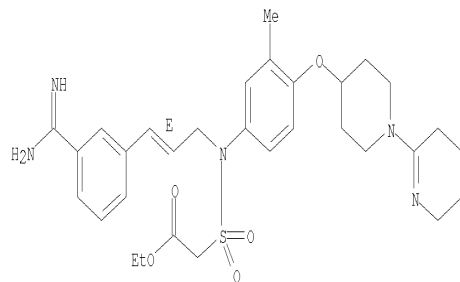


● 2 HCl

RN 470476-45-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



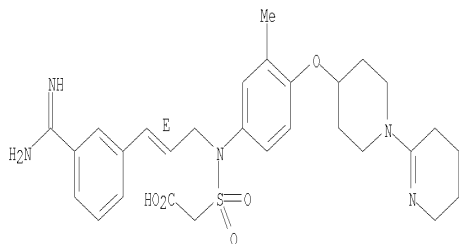
● 2 HCl

RN 470476-46-1 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-methyl-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

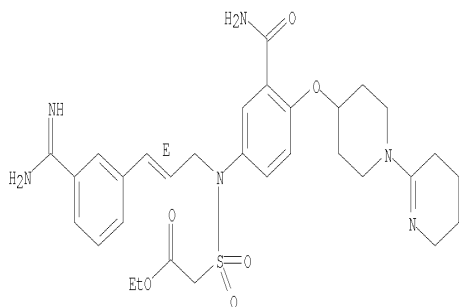


● 2 HCl

RN 470476-49-4 CAPLUS

CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



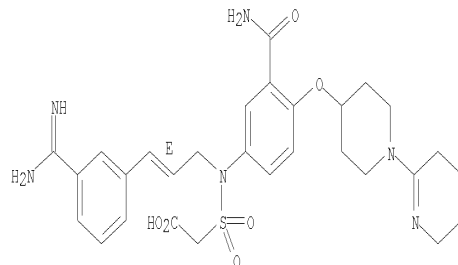
● 2 HCl

RN 470476-50-7 CAPLUS

CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

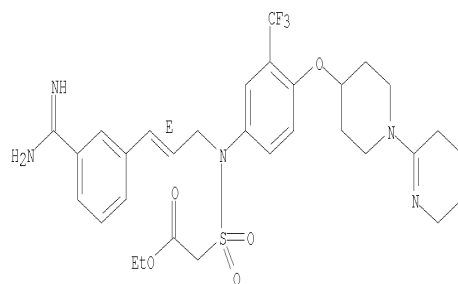


● 2 HCl

RN 470476-55-2 CAPLUS

CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● 2 HCl

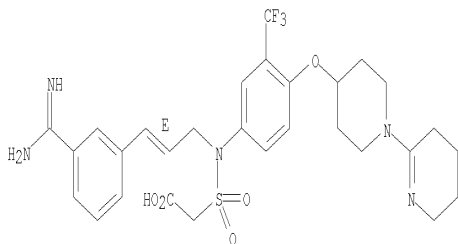
RN 470476-56-3 CAPLUS

CN Acetic acid, [[[3-(aminocarbonyl)-4-[[1-(3,4,5,6-tetrahydro-2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



Print selected from 10599388.trn

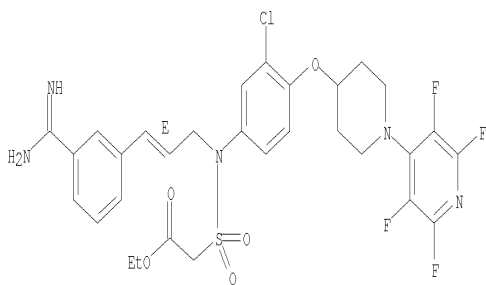


● 2 HCl

RN 470476-60-9 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.



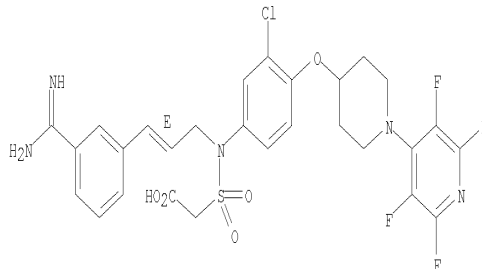
● 2 HCl

RN 470476-61-0 CAPLUS

CN Acetic acid, [[[(2E)-3-[3-(aminoiminomethyl)phenyl]-2-propenyl][3-chloro-4-[[1-(2,3,5,6-tetrafluoro-4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, dihydrochloride (9CI) (CA INDEX NAME)

Double bond geometry as shown.

Print selected from 10599388.trn

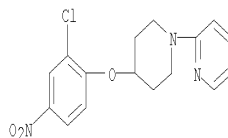


● 2 HCl

IT 470477-34-0P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-35-1P, 3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]aniline 470477-36-2P, N-[3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-37-3P, N-[3-Chloro-4-[1-(2-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester 470477-38-4P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-39-5P, 3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]aniline 470477-40-8P, N-[3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-41-9P, N-[3-Chloro-4-[1-(3-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester 470477-42-0P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]nitrobenzene 470477-44-2P, 3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]aniline 470477-46-4P, N-[3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]sulfamoylacetic acid ethyl ester 470477-47-5P, N-[3-Chloro-4-[1-(4-pyridyl)piperidin-4-yloxy]phenyl]-N-[3-(3-cyanophenyl)-2-(E)-propenyl]sulfamoylacetic acid ethyl ester  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of benzamidine derivs. as inhibitors of activated blood coagulation factor X)

RN 470477-34-0 CAPLUS

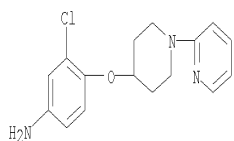
CN Pyridine, 2-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)



RN 470477-35-1 CAPLUS

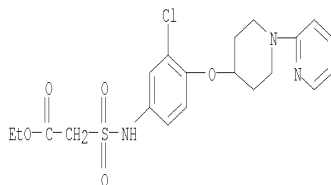
Print selected from 10599388.trn

CN Benzenamine, 3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 470477-36-2 CAPLUS

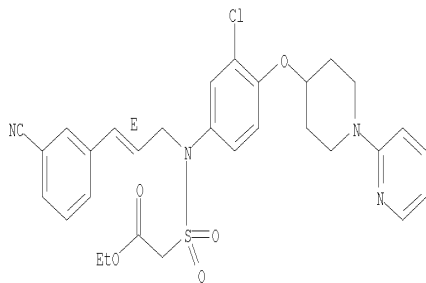
CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 470477-37-3 CAPLUS

CN Acetic acid, [[[3-chloro-4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

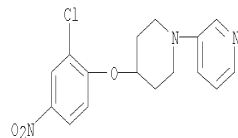
Double bond geometry as shown.



RN 470477-38-4 CAPLUS

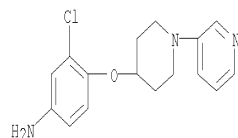
CN Pyridine, 3-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

Print selected from 10599388.trn



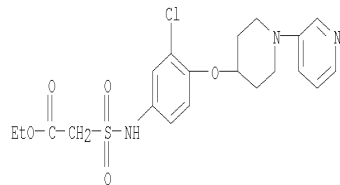
RN 470477-39-5 CAPLUS

CN Benzenamine, 3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 470477-40-8 CAPLUS

CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



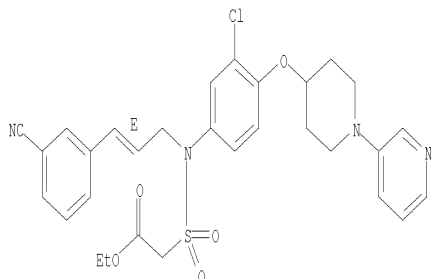
RN 470477-41-9 CAPLUS

CN Acetic acid, [[[3-chloro-4-[[1-(3-pyridinyl)-4-piperidinyl]oxy]phenyl][(2E)-3-(3-cyanophenyl)-2-propenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

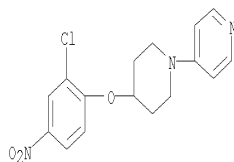
Double bond geometry as shown.



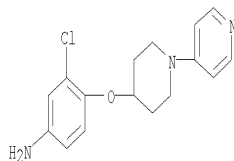
Print selected from 10599388.trn



RN 470477-42-0 CAPLUS  
CN Pyridine, 4-[4-(2-chloro-4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

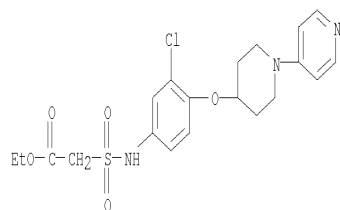


RN 470477-44-2 CAPLUS  
CN Benzenamine, 3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



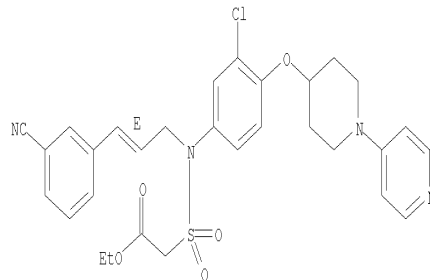
RN 470477-46-4 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



RN 470477-47-5 CAPLUS  
CN Acetic acid, [[[3-chloro-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]amino]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)

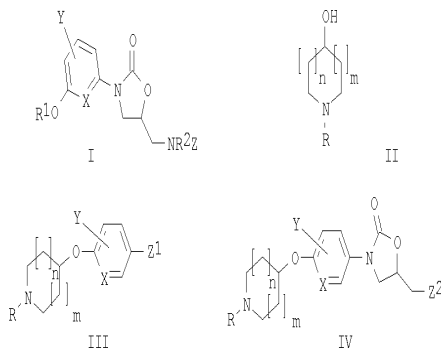
Double bond geometry as shown.



L5 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
2001:472689 Document No. 135:76864 Preparation of piperidinyl-oxo-,  
pyrrolidinyl-oxo- and azetidinyl-oxo-substituted N-phenyl and N-pyridyl  
oxazolidinones as antibacterials. Weidner-wells, Michele; Boggs,  
Christine; Hlasta, Dennis; Nelson, Erin (Ortho-Mcneil Pharmaceutical,  
Inc., USA). PCT Int. Appl. WO 2001046164 A1 20010628, 89 pp. DESIGNATED  
STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,  
CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,  
ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,  
SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,  
MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES,  
FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG,  
TR. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US33835 20001214.  
PRIORITY: US 1999-PV172923 19991221.

GI

Print selected from 10599388.trn



AB Piperidinyloxy, pyrrolidinyloxy and azetidinyloxy compds. (shown as I (Z = R2a); e.g. (S)-N-[[3-[3-fluoro-4-[[N-(benzyloxyacetyl)-4-piperidinyl]oxy]phenyl]-2-oxo-5-oxazolidinyl]methyl]acetamide) or an optical isomer, enantiomer, diastereomer, racemate or racemic mixture thereof, or a pharmaceutically acceptable salt thereof are claimed, wherein R1 is N-R3-4- and N-R3-3-piperidinyl, N-R3-3-pyrrolidinyl or N-R3-3-azetidiny (R3 = H, alkyl, -COR4, -(CH2)theteroaryl, -CHRSR6, -(CH2)taryl, -SO2NRSR6, and -SO2R9; R4 = H, -OR5, alkyl, alkylaryl, -(CH2)taryl, -(CH2)theteroaryl, -(CH2)tOR5, -(CH2)tNR7R8, -CHRSR6, and -NRSR6 optionally forming a cyclic amino derivative; R5 and R6 are independently selected from H, alkyl, alkylaryl, haloaryl, -(CH2)taryl, -(CH2)theteroaryl, and acyl; R7 and R8 are independently selected from H, alkyl, -COR9, -SO2R9 and -CO2R9; and R9 = H, alkyl, aryl and alkylaryl; R2 = C(O)R9, C(O)OR9, NCN:C(NR92), NCN:CR9, NCN:C(SR9), NCN:C(NHR9); R2a = H or acyl with the proviso that when R3 is selected from alkyl, -(CH2)taryl, -(CH2)theteroaryl, and -CHRSR6, R2a = H; X = N or CH; Y = H, halogen, alkoxy, and alkyl; and t = 0-4. These compds. are useful as antibacterial agents against community-acquired pneumonia, upper and lower respiratory tract infections, skin and soft tissue infections, bone and joint infections, and hospital-acquired lung infections involving susceptible and drug resistant *S. aureus*, *S. epidermidis*, *S. pneumoniae*, *E. faecalis*, *E. faecium*, *Enterococcus* spp., *Moraxella catarrhalis*, and *H. influenzae*. Minimal inhibitory concns. are given for 61 compds. for *E. faecium* and *Staphylococcus aureus*. A method of preparation of I (Z = H; R1OH = II; R = Boc, -CHPh2 or -COCH2OCH2Ph; n = 0-2; m = 0, 1; R2 = C(O)R9, C(O)OR9, NCN:C(NR92), NCN:CR9, NCN:C(SR9), NCN:C(NHR9), wherein R9 = H, alkyl, aryl and alkylaryl; X = N, CH; Y = H, halogen, alkoxy, and alkyl) is claimed, which process comprises: (a) reacting II with Y-substituted 4-nitrofluorobenzene or 2-chloro-5-nitropyridine to form III (Z1 = NO2); (b) converting III (Z1 = NO2) to III (Z1 = NHCBz); (c) reacting III (Z1 = NHCBz) with oxiranylmethyl butanoate to form IV (Z2 = OH); (d) converting IV (Z2 = OH) to IV (Z2 = N3); (e) converting IV (Z2 = N3) to IV (Z2 = NH2); (f) converting IV (Z2 = NH2) to IV (R = H, Z2 = NR2H); and (g) converting IV (R = H, Z2 = NR2H) to I (Z = H).

IT 346664-53-7P

RI: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);

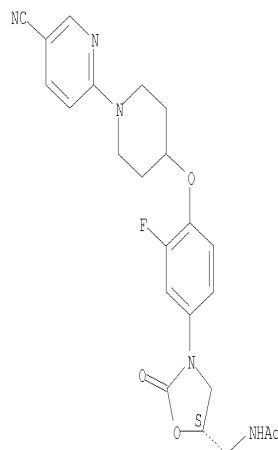
Print selected from 10599388.trn

BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of piperidinyloxy-, pyrrolidinyloxy- and azetidinyloxy-substituted N-Ph and N-pyridyl oxazolidinones as antibacterials)

RN 346664-53-7 CAPLUS

CN Acetamide, N-[[[(5S)-3-[4-[[1-(5-cyano-2-pyridinyl)-4-piperidinyl]oxy]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]- (CA INDEX NAME)

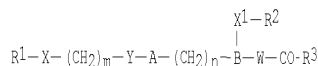
Absolute stereochemistry.



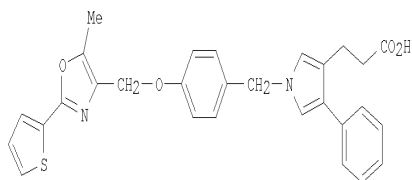
L5 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2001:396864 Document No. 135:19632 Preparation of pyrazolyl- and pyrrolylalkanoic acid derivatives with hypoglycemic and hypolipidemic activity. Momose, Yu; Maekawa, Tsuyoshi; Odaka, Hiroyuki; Kimura, Hiroyuki (Takeda Chemical Industries, Ltd., Japan). PCT Int. Appl. WO 2001038325 A1 20010531, 375 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2000-JP7877 20001109. PRIORITY: JP 1999-320317 19991110; JP 1999-352237 19991210.

GI



I



II

AB Title compds. (I) [wherein R<sup>1</sup> = (un)substituted hydrocarbon or heterocycle; X = bond, O, S, CO, CS, CR<sub>4</sub>(OR<sub>5</sub>), or NR<sub>6</sub>; R<sub>4</sub> and R<sub>6</sub> = independently H or (un)substituted hydrocarbon; R<sub>5</sub> = H or hydroxyl protective group; m = 0-3; Y = O, S, SO, SO<sub>2</sub>, NR<sub>7</sub>, CONR<sub>7</sub>, or NR<sub>7</sub>CO; R<sub>7</sub> = H or (un)substituted hydrocarbon; A = (un)substituted aromatic ring; n = 1-8; B = (un)substituted N-containing 5-membered heterocycle; X<sub>1</sub> = bond, O, S, SO, SO<sub>2</sub>, OSO<sub>2</sub>, or NR<sub>16</sub>; R<sub>16</sub> = H or (un)substituted hydrocarbon; R<sub>2</sub> = H or (un)substituted hydrocarbon or heterocycle; W = bond or hydrocarbon; R<sub>3</sub> = OR<sub>8</sub> or NR<sub>9</sub>R<sub>10</sub>; R<sub>8</sub> = H or (un)substituted hydrocarbon; R<sub>9</sub> and R<sub>10</sub> = independently H or (un)substituted hydrocarbon or heterocycle; or R<sub>9</sub> and R<sub>10</sub> together with the N to which they are attached may form a ring] were prepared as retinoid-related receptor function regulating agents or insulin resistance improving agents. For example, Et 3-[1-(4-hydroxybenzyl)-4-phenyl-3-pyrrolyl]propionate and 4-chloromethyl-5-methyl-2-(2-thienyl)oxazole were coupled in the presence of K<sub>2</sub>CO<sub>3</sub> in DMF and treated with HCl to give II (77%). At a concentration of 0.001%, II reduced

hypoglycemic

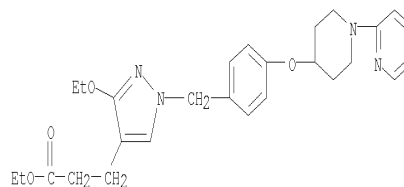
and hypolipidemic action by 48% and 70%, resp., lowered total cholesterol by 16%, and increased the plasma anti-arteriosclerosis index by 12% compared to non-treatment groups of mice. In addition, II showed potent PPAR $\gamma$ -RXR $\alpha$  heterodimer ligand activity with EC<sub>50</sub> of 1.5 nM. I are useful for the prevention or treatment of diabetes mellitus, hyperlipidemia, impaired glucose tolerance, inflammatory diseases, and arteriosclerosis.

IT 342027-10-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-10-5 CAPLUS

CN 1H-Pyrazole-4-propanoic acid, 3-ethoxy-1-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methyl]-, ethyl ester (CA INDEX NAME)

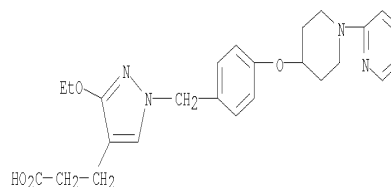


IT 342027-11-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-11-6 CAPLUS

CN 1H-Pyrazole-4-propanoic acid, 3-ethoxy-1-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methyl]- (CA INDEX NAME)

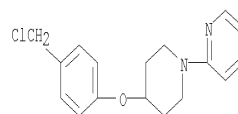


IT 342027-09-2

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reactant; preparation of pyrrolyl- and pyrazolylalkanoic acid derivs. as retinoid X receptor and PPAR receptor modulators)

RN 342027-09-2 CAPLUS

CN Pyridine, 2-[4-[4-(chloromethyl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



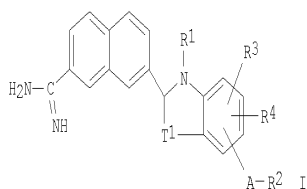
L5 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2001:31461 Document No. 134:100770 Preparation of indoline or tetrahydroquinoline derivatives as inhibitors of activated blood coagulation factor X. Fujimoto, Koichi; Asai, Fumitoshi; Tanaka, Naoki; Matsuhashi, Hayao; Sugidachi, Atsuhiko; Tanimoto, Tatsuo (Sankyo Company, Ltd., Japan). PCT Int. Appl. WO 2001002356 A1 20010111, 431 pp.

Print selected from 10599388.trn

DESIGNATED STATES: W: AU, BR, CA, CN, CZ, HU, ID, IL, IN, KR, MX, NO, NZ, PL, RU, TR, US, ZA; RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (Japanese). CODEN: PIXXD2. APPLICATION: WO 2000-JP4333 20000630. PRIORITY: JP 1999-187805 19990701.

GI



AB The title compds. I [R1 is hydrogen, optionally substituted alkyl, optionally substituted alkanoyl, optionally substituted alkylsulfonyl, optionally substituted arylsulfonyl, or optionally substituted sulfamoyl; R2 is optionally substituted cycloalkyl, optionally substituted aryl, optionally substituted amino, or optionally substituted saturated cyclic amino; R3 and R4 are each hydrogen, halogeno, alkyl, alkoxy, cyano, nitro, hydroxyl, or alkanoyloxy; A is a single bond, alkylene, oxygen, or O(CH2)m (wherein m is 1 to 4); T1 = (CH2)n; and n is 1 or 2] are prepared 5-(1-Acetimidoylpiperidin-4-yloxy)-2-(7-amidinonaphthalen-2-yl)-1-methanesulfonylindoline dihydrochloride in vitro showed IC50 of 3.9 ng/mL against factor Xa. Formulations are given.

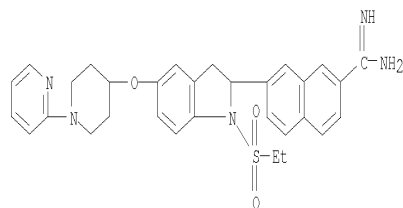
IT 319449-71-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of indoline or tetrahydroquinoline derivs. as inhibitors of activated blood coagulation factor X)

RN 319449-71-3 CAPLUS

CN 2-Naphthalenecarboximidamide, 7-[1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]-1H-indol-2-yl]-, dihydrochloride (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



● 2 HCl

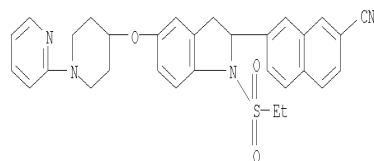
IT 319450-57-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of indoline or tetrahydroquinoline derivs. as inhibitors of activated blood coagulation factor X)

RN 319450-57-2 CAPLUS

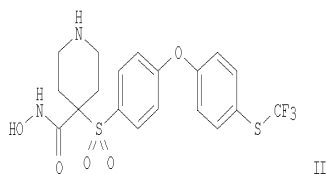
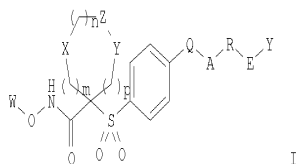
CN 1H-Indole, 2-(7-cyano-2-naphthalenyl)-1-(ethylsulfonyl)-2,3-dihydro-5-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (9CI) (CA INDEX NAME)



L5 ANSWER 24 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

2000:824220 Document No. 134:17399 Aromatic sulfone hydroxamic acid metalloprotease inhibitors. Barta, Thomas E.; Becker, Daniel P.; Bedell, Louis J.; Boehm, Terri L.; Carroll, Jeffrey N.; Decrescenzo, Gary A.; Fobian, Yvette M.; Freskos, John N.; Getman, Daniel P.; McDonald, Joseph J.; Hockerman, Susan L.; Howard, Susan C.; Kolodziej, Stephen A.; Li, Madeleine Hui; Mischke, Deborah A.; Rico, Joseph G.; Stehle, Nathan W.; Tollefson, Michael B.; Vernier, William F.; Villamil, Clara I. (G.D. Searle and Co., USA). PCT Int. Appl. WO 2000069821 A1 20001123, 616 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 2000-US6719 20000515. PRIORITY: US 1999-311837 19990514; US 2000-570731 20000512.

GI



AB A treatment process is disclosed that comprises administering an effective amount of an aromatic sulfone hydroxamic acid I [W = H, cation, certain acyl or thioacyl groups; m, n, p = 0-2; (m+n+p) = 1 to 4; and one of X, Y, and Z = CO, NH or derivs., O, S, SO, SO<sub>2</sub>, etc., and the other two = (un)substituted CH<sub>2</sub>; or XZ or ZY = (un)substituted NHCO, NHSO, NHSO<sub>2</sub>, SS, OCO, etc., and the other one = (un)substituted CH<sub>2</sub>; or n = 0 and XZY = atoms to complete various N/O/S heterocycles; Q = 5- to 7-membered heterocycle with 1-2 N atoms, one bound to Ph, and with -AREY bound in para-type positions; A = bond, O, S, (un)substituted NH, COO, OCO, CH:CH, C.tplbond.C, N:N, NHHNH, NHCOO, (un)substituted CONH, NHCO, etc.; R = alkylene, arylene, heteroarylene, etc., with provisos; E = bond, CONH, NHCO, CO, SO<sub>2</sub>, NHSO<sub>2</sub>, SO<sub>2</sub>NH, S, etc.; Y = absent, H, alkyl, alkoxy, aryl, aryloxy, heteroaryl, etc.] to a host having a condition associated with pathol. matrix metalloprotease (MMP) activity. I exhibit excellent inhibitory activity of one or more MMP enzymes, such as MMP-2, MMP-9 and MMP-13, while exhibiting substantially less inhibition of (at least) MMP-1. Also disclosed are metalloprotease inhibitor compds. having such selective activities, processes for manufacture of such compds., and pharmaceutical compns. using such inhibitors. The compds. are potentially useful against a wide variety of conditions, notably as antiinflammatory, antiangiogenesis, and antitumor agents. Over 900 example compds. are listed, most with supporting phys. data, and many with synthetic details. For instance, Et N-(tert-butoxycarbonyl)-4-(4-fluorophenylsulfonyl)-4-piperidinecarboxylate (preparation given) was subjected to a sequence of: (1) etherification with 4-(CF<sub>3</sub>SO)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>OH (100%); (2) alkaline hydrolysis of the ester (100%); (3) amidation with THP-OH<sub>2</sub> (45%); and (4) acid deprotection of the THP ether (40%), to give title compound II.HCl. The latter salt selectively inhibited MMP-13 with IC<sub>50</sub> 0.2 nM, and MMP-2 with IC<sub>50</sub> 0.1 nM, but with IC<sub>50</sub> >10,000 nM against MMP-1.

IT 308825-31-2P 308825-32-3P 308825-47-0P  
308825-54-9P 308825-55-0P 308825-59-4P

308825-63-0P 308825-70-9P 308825-71-0P

308825-74-3P 308826-05-3P 308826-07-5P

308826-11-1P 308826-13-3P 308826-15-5P

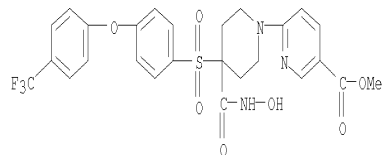
308826-25-7P 308826-43-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of aromatic sulfone hydroxamic acids as metalloprotease inhibitors)

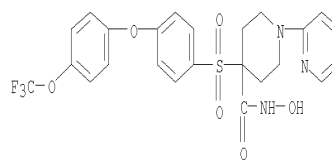
RN 308825-31-2 CAPLUS

CN 3-Pyridinecarboxylic acid, 6-[4-[(hydroxyamino)carbonyl]-4-[[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester  
(CA INDEX NAME)



RN 308825-32-3 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

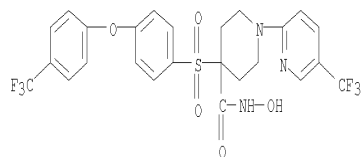


● HCl

RN 308825-47-0 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[4-(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[5-(trifluoromethyl)-2-pyridinyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

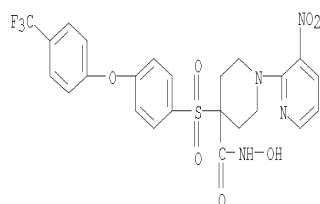
Print selected from 10599388.trn



● HCl

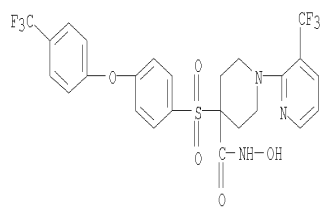
RN 308825-54-9 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-nitro-2-pyridinyl)-4-[[4-[(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



RN 308825-55-0 CAPLUS

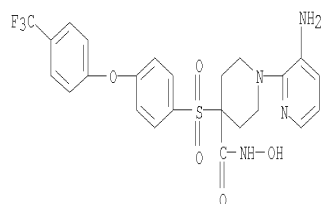
CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[(trifluoromethyl)phenoxy]phenyl]sulfonyl]-1-[3-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



RN 308825-59-4 CAPLUS

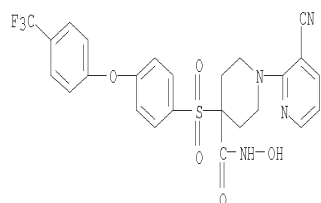
CN 4-Piperidinecarboxamide, 1-(3-amino-2-pyridinyl)-N-hydroxy-4-[[4-[(trifluoromethyl)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)

Print selected from 10599388.trn



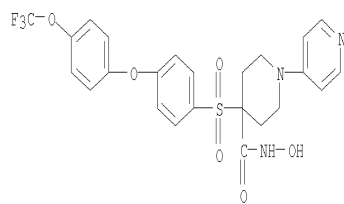
RN 308825-63-0 CAPLUS

CN 4-Piperidinecarboxamide, 1-(3-cyano-2-pyridinyl)-N-hydroxy-4-[[4-[(trifluoromethoxy)phenoxy]phenyl]sulfonyl]- (CA INDEX NAME)



RN 308825-70-9 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(4-pyridinyl)-4-[[4-[(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



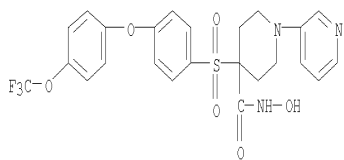
● HCl

RN 308825-71-0 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-1-(3-pyridinyl)-4-[[4-[(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)

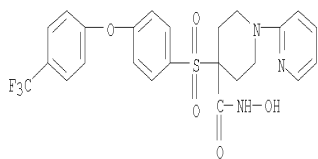


Print selected from 10599388.trn



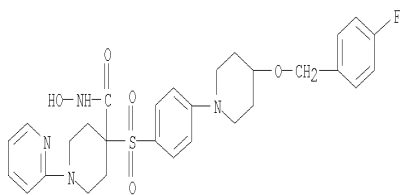
● HCl

RN 308825-74-3 CAPLUS  
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[(trifluoromethyl)phenoxy]phenyl]sulfonyl]-, monohydrochloride (9CI) (CA INDEX NAME)



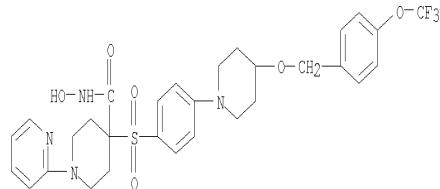
● HCl

RN 308826-05-3 CAPLUS  
CN 4-Piperidinecarboxamide, 4-[[4-[[4-(4-fluorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)

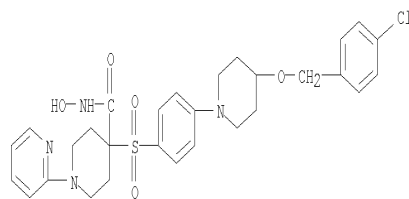


RN 308826-07-5 CAPLUS  
CN 4-Piperidinecarboxamide, N-hydroxy-1-(2-pyridinyl)-4-[[4-[[4-(trifluoromethoxy)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]- (CA INDEX NAME)

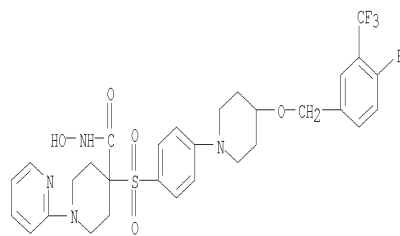
Print selected from 10599388.trn



RN 308826-11-1 CAPLUS  
CN 4-Piperidinecarboxamide, 4-[[4-[[4-(4-chlorophenyl)methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)

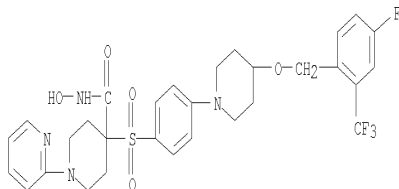


RN 308826-13-3 CAPLUS  
CN 4-Piperidinecarboxamide, 4-[[4-[[4-[[4-fluoro-3-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)



RN 308826-15-5 CAPLUS  
CN 4-Piperidinecarboxamide, 4-[[4-[[4-[[4-fluoro-2-(trifluoromethyl)phenyl]methoxy]-1-piperidinyl]phenyl]sulfonyl]-N-hydroxy-1-(2-pyridinyl)- (CA INDEX NAME)

Print selected from 10599388.trn



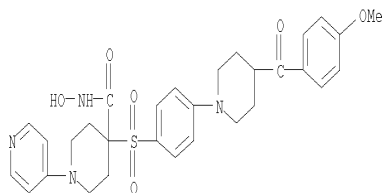
RN 308826-25-7 CAPLUS

CN 4-Piperidinecarboxamide, N-hydroxy-4-[[4-[[4-(4-methoxybenzoyl)-1-piperidinyl]phenyl]sulfonyl]-1-(4-pyridinyl)-, mono(trifluoroacetate) (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 308826-24-6

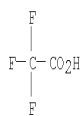
CMF C30 H34 N4 O6 S



CM 2

CRN 76-05-1

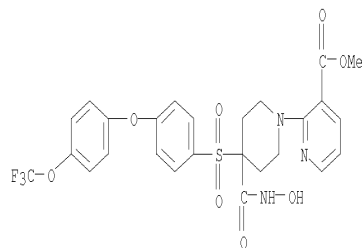
CMF C2 H F3 O2



RN 308826-43-9 CAPLUS

CN 3-Pyridinecarboxylic acid, 2-[4-[(hydroxyamino)carbonyl]-4-[[4-[[4-(trifluoromethoxy)phenoxy]phenyl]sulfonyl]-1-piperidinyl]-, methyl ester, monohydrochloride (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

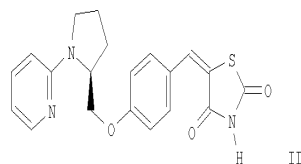
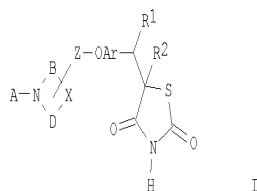


● HCl

L5 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1999:430613 Document No. 131:73647 Thiazolidinedione compounds having antidiabetic, hypolipidemic, antihypertensive properties, process for their preparation and pharmaceutical compositions. Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Rao, Paraselli Bheema; Alla, Sekar Reddy; Ramanujam, Rajagopalan; Chakrabarti, Ranjan (Reddy's Research Foundation, India; Reddy-Cheminar, Inc.). U.S. US 5919782 A 19990706, 28 pp., Cont.-in-part of U.S. 5,801,173. (English). CODEN: USXXAM. APPLICATION: US 1997-851447 19970505. PRIORITY: IN 1996-MA723 19960506; US 1996-687840 19960726.

GI



AB Title compds. [I; A = (un)substituted aromatic or 5-membered O-, N-, or S-containing heterocyclic group which may be fused to (un)substituted 6-membered N-containing heterocyclic group, which also may be fused; B, D = (un)substituted hydrocarbon linking group; X = CH2, N, O, S; Ar =

Print selected from 10599388.trn

(un)substituted divalent aromatic or heterocyclic group; R1, R2 = H, lower alkyl, halo, alkoxy, OH, or R1R2 = bond; Z = (CH2)p; p = 0-4] were prepared. Thus, 2-chloropyridine was aminated by L-prolinol and the product etherified by 4-FC6H4CHO to give, after condensation of the product with 2,4-thiazolidinedione, title compound II. Data for biol. activity of I were given.

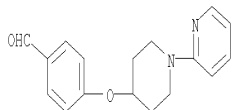
IT 199117-85-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(for preparation of thiazolidinediones having antidiabetic, hypolipidemic and antihypertensive properties)

RN 199117-85-6 CAPLUS

CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



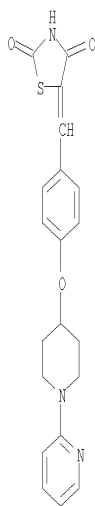
IT 199117-48-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thiazolidinedione compds. having antidiabetic, hypolipidemic, antihypertensive properties)

RN 199117-48-1 CAPLUS

CN 2,4-Thiazolidinedione, 5-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)

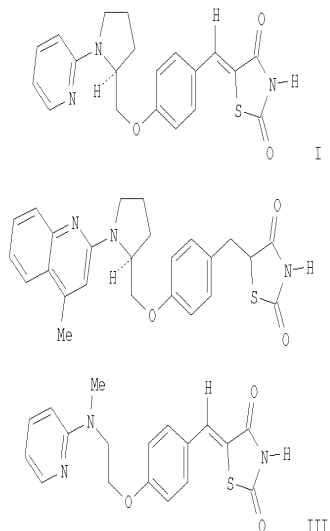


Print selected from 10599388.trn

L5 ANSWER 26 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1999:384967 Document No. 131:170295 Novel euglycemic and hypolipidemic agents. 4. Pyridyl- and quinoliny- containing thiazolidinediones. Lohray, B. B.; Bhushan, Vidya; Reddy, A. Sekar; Rao, P. Bheema; Reddy, N. Jaipal; Harikishore, P.; Haritha, N.; Vikramadityan, Reeba K.; Chakrabarti, Ranjan; Rajagopalan, R.; Katneni, K. (Departments of Medicinal Chemistry and Drug Discovery Pharmacology and Pharmacokinetics, Dr. Reddy's Research Foundation, Miyapur Hyderabad, 500 050, India). Journal of Medicinal Chemistry, 42(14), 2569-2581 (English) 1999. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

GI



AB A series of substituted pyridyl- and quinoliny- containing 2,4-thiazolidinediones having cyclic amine as a linker, e.g. I and II, were synthesized. Both unsatd. thiazolidinediones and saturated thiazolidinediones and their various salts were evaluated in db/db mice for euglycemic and hypolipidemic effects and compared with BRL compound III and BRL-49653, resp. Some of the potent compds. were converted to various salts in order to obtain improved activities. Among all the salts evaluated, the maleate salt of I was found to be a very potent euglycemic and hypolipidemic compound. Some of the more interesting compds. have also been evaluated in ob/ob mice and compared with rosiglitazone (maleate salt of BRL-49653). Oral glucose tolerance tests were performed in both db/db and ob/ob mice. Pharmacokinetic studies of I maleate are also reported.

Print selected from 10599388.trn

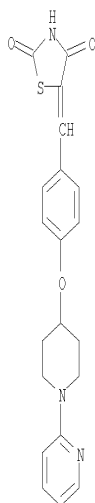
Receptor binding studies of PPAR $\gamma$  by I/I maleate did not show any significant transactivation of PPAR $\alpha$  or PPAR $\gamma$ .

IT 199117-48-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent) (preparation and euglycemic/hypolipidemic activities of cyclic amine linked pyridyl and quinolinyl thiazolidinediones)

RN 199117-48-1 CAPLUS

CN 2,4-Thiazolidinedione, 5-[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)

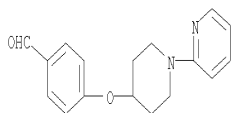


IT 199117-85-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation and euglycemic/hypolipidemic activities of cyclic amine linked pyridyl and quinolinyl thiazolidinediones)

RN 199117-85-6 CAPLUS

CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



Print selected from 10599388.trn

L5 ANSWER 27 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1998:324824 Document No. 129:27961 Preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion molecules to GPIIb/IIIa. Mills, Stuart Dennett (Zeneca Ltd., UK). U.S. US 5753659 A 19980519, 68 pp., Cont.-in-part of U.S. 5,563,141. (English). CODEN: USXXAM. APPLICATION: US 1995-458180 19950602. PRIORITY: GB 1993-6451 19930329; GB 1993-25610 19931215; US 1994-218174 19940328.

AB The title compds. [(M1)n-Q-(M2)1-n-L-A; n = 0-1; M1 = NH2; Q = an aromatic heterocyclic group containing N atom; M2 = imino; L = template; A = an acidic group, or its ester or amide, or sulfonamide] and their pharmaceutically acceptable salts and pro-drugs, useful for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa, for the inhibition of platelet aggregation, and for the treatment of unstable angina. Thus, reaction of Me 4-bromoacetylphenoxyacetate with 1-(4-pyridyl)piperazine in MeCN afforded Me 4-[2-[4-(4-pyridyl)piperazin-1-yl]acetyl]phenoxyacetate which showed pIC50 of 5.8-6.4 against binding of fibrinogen to GPIIb/IIIa.

IT 166950-52-3P 166951-74-2P

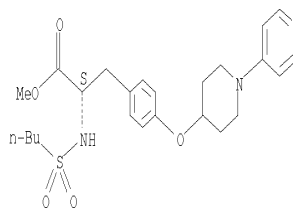
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)

RN 166950-52-3 CAPLUS

CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

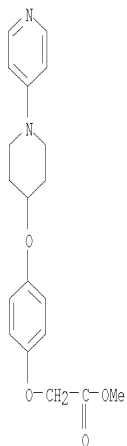
Absolute stereochemistry.



RN 166951-74-2 CAPLUS

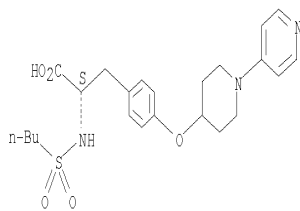
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



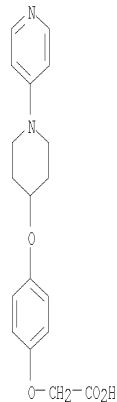
IT 166950-53-4P 166951-75-3P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)  
RN 166950-53-4 CAPLUS  
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



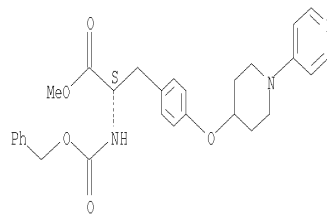
RN 166951-75-3 CAPLUS  
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



IT 166953-00-0P 166953-13-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of heterocyclyl-substituted piperazines for the prevention or treatment of a disease mediated by the binding of adhesion mols. to GPIIb/IIIa)  
RN 166953-00-0 CAPLUS  
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

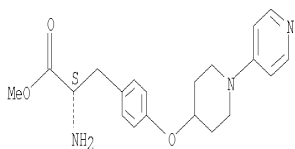
Absolute stereochemistry.



RN 166953-13-5 CAPLUS  
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

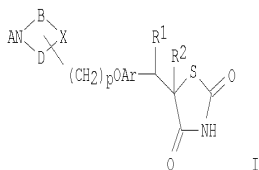
Print selected from 10599388.trn



L5 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1997:740227 Document No. 128:13260 Thiazolidinedione compounds having antidiabetic, hypolipidemic, antihypertensive properties, process for their preparation and pharmaceutical compositions. Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Alla, Sekar Reddy; Paraselli, Rao Bheema; Ramanujam, Rajagopalan; Chakrabarti, Ranjan (Dr. Reddy's Research Foundation, India; Reddy-Cheminor, Inc.; Lohray, Vidya Bhushan; Lohray, Braj Bhushan; Alla, Sekar Reddy; Paraselli, Rao Bheema; Ramanujam, Rajagopalan; Chakrabarti, Ranjan). PCT Int. Appl. WO 9741120 A1 19971106, 81 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-US7415 19970502. PRIORITY: US 1996-687840 19960726.

GI



AB Novel thiazolidinedione antidiabetic compds. I [A = (un)substituted aromatic or 5-membered O-, N-, or S-containing heterocyclic group which may be fused to (un)substituted 6-membered N-containing heterocyclic group, which also may be fused; B, D = (un)substituted hydrocarbon linking group; X = CH<sub>2</sub>, N, O, S; Ar = (un)substituted divalent aromatic or heterocyclic group; R<sub>1</sub>, R<sub>2</sub> = H, lower alkyl, halo, alkoxy, OH, or R<sub>1</sub>R<sub>2</sub> = bond; p = 0-4] were prepared along with their tautomeric forms, their derivs., their stereoisomers, their polymorphs, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates and pharmaceuticals and acceptable compns. containing them. Methods for preparing the antidiabetic compds. and their uses are claimed.

IT 199117-85-6P

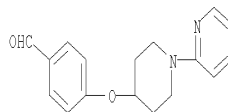
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

Print selected from 10599388.trn

(for preparation of thiazolidinediones having antidiabetic, hypolipidemic and antihypertensive properties)

RN 199117-85-6 CAPLUS

CN Benzaldehyde, 4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



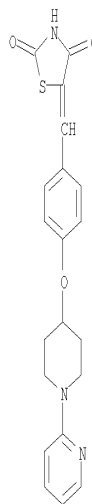
IT 199117-48-1P

RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thiazolidinedione compds. having antidiabetic, hypolipidemic, antihypertensive properties)

RN 199117-48-1 CAPLUS

CN 2,4-Thiazolidinedione, 5-[[[4-[[1-(2-pyridinyl)-4-piperidinyl]oxy]phenyl]methylene]- (CA INDEX NAME)



L5 ANSWER 29 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1997:613831 Document No. 127:278203 Benzoxazinone and benzopyrimidinone piperidinyl tocolytic oxytocin receptor antagonists. Bock, Mark G.; Evans, Ben E.; Williams, Peter D.; Freidinger, Roger M.; Pettibone, Douglas J.; Hobbs, Doug W.; Anderson, Paul S. (Merck and Co., Inc., USA). U.S. US 5665719 A 19970909, 140 pp., Cont.-in-part of U.S. Ser. No.

Print selected from 10599388.trn

92,840, abandoned. (English). CODEN: USXXAM. APPLICATION: US  
1995-470693 19950606. PRIORITY: US 1993-92840 19930716.

GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Comps. of formula I [X = O, NH, or NR8; Y = CH2, CHR8, or C(R8)2; R1 = camphor-10-yl, alkoxy, styryl, hydroxystyryl, furyl, (un)substituted thienyl, naphthyl, indolyl, tetrahydronaphthyl, (un)substituted pyridyl, pyrazinyl, (un)substituted cyclohexyl or Ph; R2 = H, alkoxy, alkyl, amino, alkylcarbonylamino, nitro, or halo; R3 = H, alkoxycarbonyl, cyano, or carbamoyl; and m = 0 or 1] and various analogs are disclosed. The comps. as useful as oxytocin (OT) and vasopressin receptor antagonists. Over 275 synthetic examples are given. For instance, Me 2,4-dihydroxybenzoate underwent Mitsunobu etherification with N-(tert-butoxycarbonyl)-4-piperidinol (51%), followed by O-methylation of the remaining hydroxyl (88%), saponification of the Me ester (95%), and coupling of the resultant acid with 1-(4-piperidinyl)-1,2-dihydro-4H-3,1-benzoxazin-2-one (HCl salt) using EDC and HOBT (88%), to give title compound II [R = CO2Bu-tert]. The latter was deprotected with HCl in dioxane (93%) and acetylated with Ac2O (89%) to give title compound II [R = Ac]. The latter inhibited binding of [3H]-OT to rat uterine OT receptors in vitro with an IC50 of 47 nM.

IT 196794-14-6P

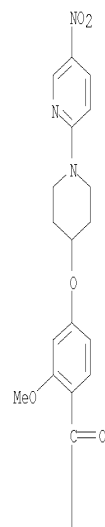
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of benzoxazinone and benzopyrimidinone derivs. as oxytocin and vasopressin receptor antagonists)

RN 196794-14-6 CAPLUS

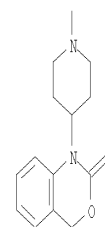
CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

PAGE 1-A



PAGE 2-A



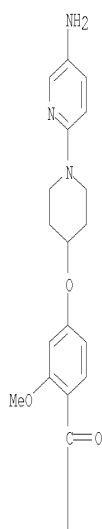
IT 162043-86-9P 196794-13-5P 196794-56-6P  
196794-57-7P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of benzoxazinone and benzopyrimidinone derivs. as oxytocin and vasopressin receptor antagonists)

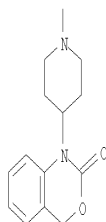
RN 162043-86-9 CAPLUS

CN Piperidine, 1-[4-[[1-(5-amino-2-pyridinyl)-4-piperidinyl]oxy]-2-methoxybenzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



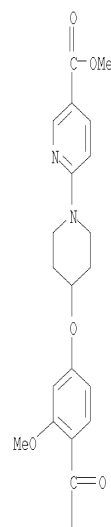
PAGE 1-A



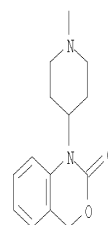
PAGE 2-A

RN 196794-13-5 CAPLUS  
CN 3-Pyridinecarboxylic acid, 6-[4-[3-methoxy-4-[[4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-1-piperidinyl]carbonyl]phenoxy]-1-piperidinyl]-, methyl ester (CA INDEX NAME)

Print selected from 10599388.trn



PAGE 1-A



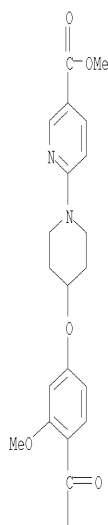
PAGE 2-A

RN 196794-56-6 CAPLUS  
CN 3-Pyridinecarboxylic acid, 6-[4-[3-methoxy-4-[[4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-1-piperidinyl]carbonyl]phenoxy]-1-piperidinyl]-, methyl ester, dihydrochloride (9CI) (CA INDEX NAME)

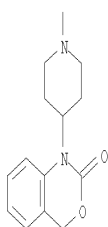


Print selected from 10599388.trn

PAGE 1-A



PAGE 2-A



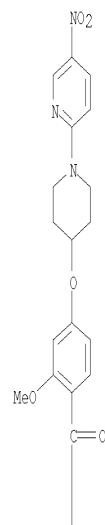
● 2 HCl

RN 196794-57-7 CAPLUS

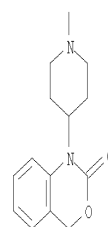
CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-, hydrochloride (2:5) (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

PAGE 1-A



PAGE 2-A



● 5/2 HCl

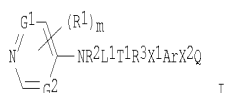
L5 ANSWER 30 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1997:533620 Document No. 127:220672 Preparation of aminoheterocyclic derivatives as antithrombotics or anticoagulants.. Smithers, Michael James; Preston, John; Stocker, Andrew (Zeneca Ltd., UK; Smithers, Michael James; Preston, John; Stocker, Andrew). PCT Int. Appl. WO 9728129 A1 19970807, 97 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP,

Print selected from 10599388.trn

KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-GB284 19970131. PRIORITY: GB 1996-2166 19960202.

GI



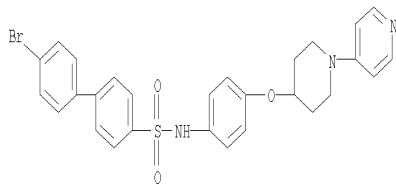
AB Title compds. [I; G1, G2 = CH, N; R1 = H, halo, CF3, OCF3, cyano, amino, OH, NO2, alkyl, alkoxy; L1 = (substituted) alkylene, cycloalkane-1,2-diyl, alkylencarbonyl; T1 = CH, N; R2, R3 = H, alkyl; RZR3 = (substituted) alkylene, methylenecarbonyl; X1, X2 = SO, SO2, CO, C(R4)2, C(R4)2SO, C(R4)2SO2 C(R4)2O, etc.; R4 = H, alkyl; Ar = (substituted) phenylene, 5-6 membered heteroarylene; Q = (substituted) Ph, naphthyl, phenylalkyl, phenylalkenyl, phenylalkynyl, heterocyclyl], were prepared for treatment of coronary artery or cerebrovascular disease. Thus, 4-(6-chloronaphth-2-ylsulfonyl)benzoic acid (preparation given) and N-(4-pyridyl)piperazine were stirred with carbonyldiimidazole in DMF to give 1-[4-(6-chloronaphth-2-ylsulfonyl)benzoyl]-4-(4-pyridyl)piperazine. The latter inhibited Factor Xa with IC50 = 0.013  $\mu$ M.

IT 194853-04-8P 194853-05-9P 194853-06-0P  
194853-07-1P 194853-08-2P 194853-09-3P  
194853-10-6P 194853-17-3P 194853-19-5P  
194853-25-3P 194853-26-4P 194853-87-7P  
194853-88-8P 194853-89-9P 194853-91-3P  
194853-92-4P 194853-96-8P 194853-97-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of aminoheterocyclic derivs. as antithrombotics or anticoagulants)

RN 194853-04-8 CAPLUS

CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

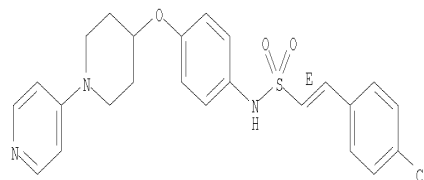


Print selected from 10599388.trn

RN 194853-05-9 CAPLUS

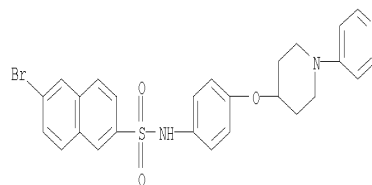
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



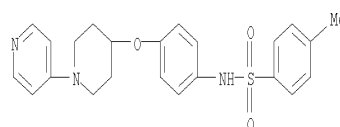
RN 194853-06-0 CAPLUS

CN 2-Naphthalenesulfonamide, 6-bromo-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 194853-07-1 CAPLUS

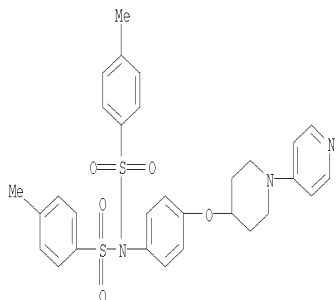
CN Benzenesulfonamide, 4-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 194853-08-2 CAPLUS

CN Benzenesulfonamide, 4-methyl-N-[(4-methylphenyl)sulfonyl]-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

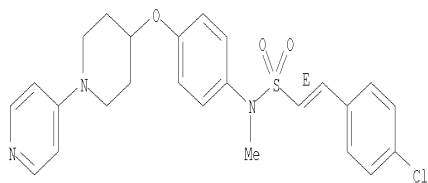
Print selected from 10599388.trn



RN 194853-09-3 CAPLUS

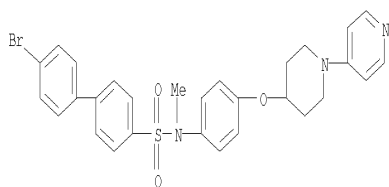
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 194853-10-6 CAPLUS

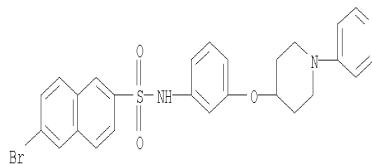
CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



RN 194853-17-3 CAPLUS

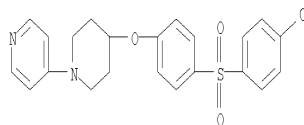
CN 2-Naphthalenesulfonamide, 6-bromo-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

Print selected from 10599388.trn



RN 194853-19-5 CAPLUS

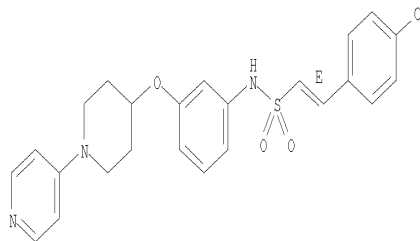
CN Pyridine, 4-[4-[4-[[4-(4-chlorophenyl)sulfonyl]phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 194853-25-3 CAPLUS

CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)- (9CI) (CA INDEX NAME)

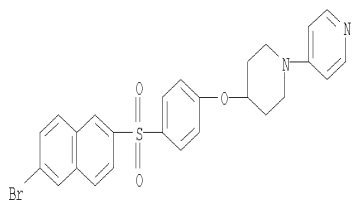
Double bond geometry as shown.



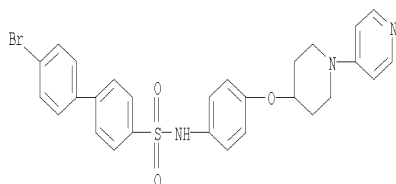
RN 194853-26-4 CAPLUS

CN Pyridine, 4-[4-[4-[[6-bromo-2-naphthalenyl)sulfonyl]phenoxy]-1-piperidinyl]- (CA INDEX NAME)

Print selected from 10599388.trn



RN 194853-87-7 CAPLUS  
CN [1,1'-Biphenyl]-4-sulfonamide, 4'-bromo-N-[4-[[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



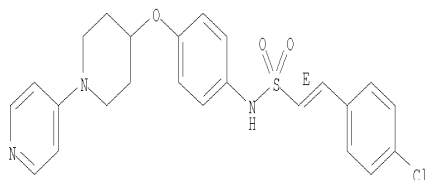
● HCl

RN 194853-88-8 CAPLUS  
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[4-[[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, (E)-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 194853-05-9  
CMF C24 H24 Cl N3 O3 S

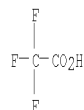
Double bond geometry as shown.



Print selected from 10599388.trn

CM 2

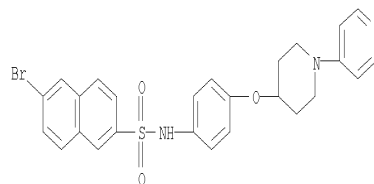
CRN 76-05-1  
CMF C2 H F3 O2



RN 194853-89-9 CAPLUS  
CN 2-Naphthalenesulfonamide, 6-bromo-N-[4-[[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

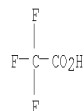
CM 1

CRN 194853-06-0  
CMF C26 H24 Br N3 O3 S



CM 2

CRN 76-05-1  
CMF C2 H F3 O2

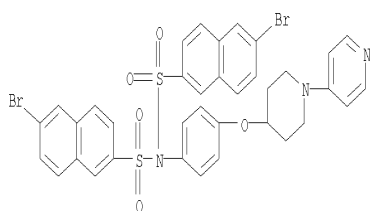


RN 194853-91-3 CAPLUS  
CN 2-Naphthalenesulfonamide, 6-bromo-N-[(6-bromo-2-naphthalenyl)sulfonyl]-N-[4-[[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

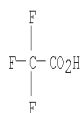
Print selected from 10599388.trn

CRN 194853-90-2  
CMF C36 H29 Br2 N3 O5 S2

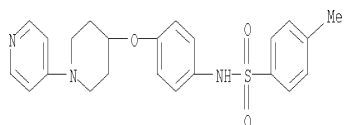


CM 2

CRN 76-05-1  
CMF C2 H F3 O2



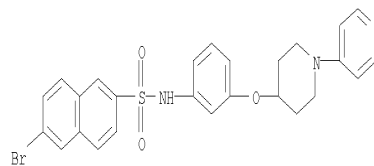
RN 194853-92-4 CAPLUS  
CN Benzenesulfonamide, 4-methyl-N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 194853-96-8 CAPLUS  
CN 2-Naphthalenesulfonamide, 6-bromo-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

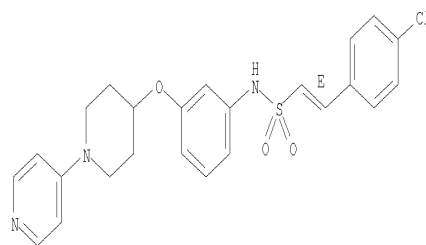
Print selected from 10599388.trn



● HCl

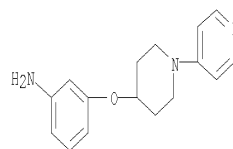
RN 194853-97-9 CAPLUS  
CN Ethenesulfonamide, 2-(4-chlorophenyl)-N-[3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, monohydrochloride, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



● HCl

IT 194853-83-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of aminoheterocyclic derivs. as antithrombotics or anticoagulants)  
RN 194853-83-3 CAPLUS  
CN Benzenamine, 3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

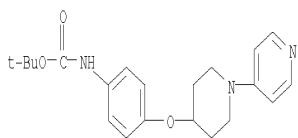


Print selected from 10599388.trn

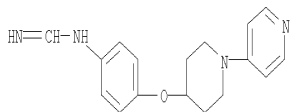
IT 130658-54-7P 194668-31-0P 194853-54-8P  
194853-55-9P 194853-56-0P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of aminoheterocyclic derivs. as antithrombotics or  
anticoagulants)  
RN 130658-54-7 CAPLUS  
CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 194668-31-0 CAPLUS  
CN Carbamic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-,  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

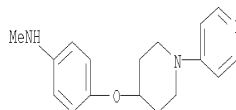


RN 194853-54-8 CAPLUS  
CN Methanimidamide, N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)

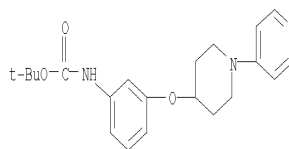


Print selected from 10599388.trn

RN 194853-55-9 CAPLUS  
CN Benzenamine, N-methyl-4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



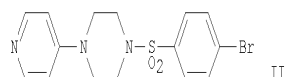
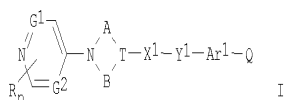
RN 194853-56-0 CAPLUS  
CN Carbamic acid, [3-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-,  
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



L5 ANSWER 31 OF 38 CAPLUS COPYRIGHT 2008 ACS ON STN  
1997:533619 Document No. 127:205592 Preparation of pyridylpiperazines and  
pyridylpyrrolidines as oxido-squalene cyclase inhibitors. Brown, George  
Robert; Stokes, Elaine Sophie Elizabeth; Waterson, David; Wood, Robin;  
Watkins, William John; Newcombe, Nicholas John; Cumming, John Graham; et  
al. (Zeneca Ltd., UK; Brown, George Robert; Stokes, Elaine Sophie  
Elizabeth; Waterson, David; Wood, Robin; Watkins, William John; Newcombe,  
Nicholas John). PCT Int. Appl. WO 9728128 A1 19970807, 152 pp.  
DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,  
CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ,  
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO,  
RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK,  
ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD,  
TG. (English). CODEN: PIXXD2. APPLICATION: WO 1997-GB282 19970131.  
PRIORITY: GB 1996-2157 19960202; GB 1996-2156 19960202.

GI

Print selected from 10599388.trn



AB The title compds. [I; G1 = CH, N; G2 = CH, N; n = 1-2; R = H, halo, CF<sub>3</sub>, etc.; A = (un)substituted CH<sub>2</sub>, (CH<sub>2</sub>)<sub>2</sub>; B = (un)substituted (CH<sub>2</sub>)<sub>2</sub>; T = CH, N; X1 = SO<sub>2</sub>, SO, a bond, etc.; Y1 = a bond, CR<sub>6</sub>R<sub>7</sub> (wherein R<sub>6</sub>, R<sub>7</sub> = H, C1-4 alkyl); Ar1 = phenylene, naphthylene, etc.; Q = H, L1X2L2Z (wherein L1 = a bond, C1-4 alkylene, C2-4 alkenylene; L2 = a bond, C1-4 alkylene; X2 = a bond, O, S, etc.; Z = H, Ph, naphthyl, etc.)] and their salts, the enzyme oxido-squalene cyclase inhibitors, and useful in treating hypercholesterolemia or atherosclerosis, and also as anti-fungal agents, were prepared and formulated. Thus, reaction of 1-(4-pyridyl)piperazine with 4-bromophenylsulfonyl chloride in the presence of Et<sub>3</sub>N in CH<sub>2</sub>Cl<sub>2</sub> afforded the title compound II which showed 100% inhibition of oxido-squalene cyclase at 1 μM in vitro.

IT 130658-54-7P 194666-87-OP 194667-78-2P  
194667-83-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of pyridylpiperazines and pyridylpyrrolidines as oxido-squalene cyclase inhibitors)

RN 130658-54-7 CAPLUS

CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)

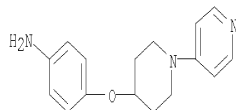


Page 317

Print selected from 10599388.trn

RN 194666-87-0 CAPLUS

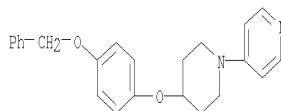
CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

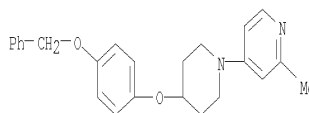
RN 194667-78-2 CAPLUS

CN Pyridine, 4-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 194667-83-9 CAPLUS

CN Pyridine, 2-methyl-4-[4-[4-(phenylmethoxy)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



IT 194668-31-OP

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

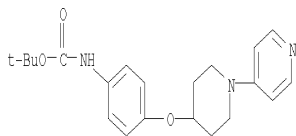
(preparation of pyridylpiperazines and pyridylpyrrolidines as oxido-squalene cyclase inhibitors)

RN 194668-31-0 CAPLUS

CN Carbamic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

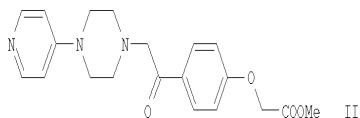
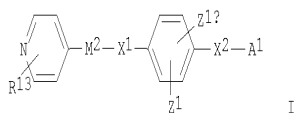
Page 318

Print selected from 10599388.trn



L5 ANSWER 32 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
1997:513484 Document No. 127:190753 Preparation of heterocyclic derivatives  
as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa.  
Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull,  
Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute,  
Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney  
(Zeneca Ltd., UK). U.S. US 5652242 A 19970729, 42 pp., Cont.-in-part of  
U.S. 5,556,977. (English). CODEN: USXXAM. APPLICATION: US 1995-457538  
19950601. PRIORITY: GB 1993-6453 19930329; GB 1993-25605 19931215; US  
1994-218171 19940328.

GI



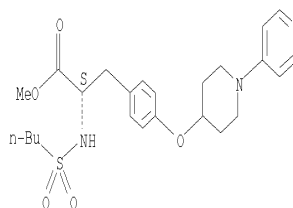
AB The title compds. [I; M2 = NR3 (wherein R3 = H, C1-4 alkyl), etc.; X1 = a  
bond, C1-4 alkylene, C2-4 alkylene, etc.; Z1, Z1a = H, OH, halo, etc.; X2  
= a bond, C1-4 alkylene, C2-4 alkylene, etc.; A1 = COOH, a metabolically  
stable ester, amide; R13 = H, C1-4 alkyl, C1-4 alkoxy, halo] and their  
pharmaceutically acceptable salts, useful as inhibitors of the binding of  
fibrinogen to glycoprotein IIb/IIIa, were prepared and formulated. Thus,  
reaction of Me 4-bromoacetylphenoxyacetate with 1-(4-pyridyl)piperazine in  
MeCN afforded the title compound II which showed pIC50 of 7.2 against  
platelet aggregation.

IT 166950-52-3P 166951-74-2P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
(Reactant or reagent); USES (Uses)

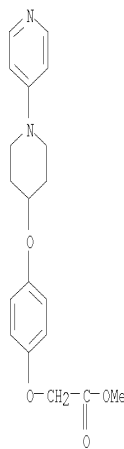
Print selected from 10599388.trn

(preparation of heterocyclic derivs. as inhibitors of the binding of  
fibrinogen to glycoprotein IIb/IIIa)  
RN 166950-52-3 CAPLUS  
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl  
ester (CA INDEX NAME)

Absolute stereochemistry.



RN 166951-74-2 CAPLUS  
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl  
ester (9CI) (CA INDEX NAME)



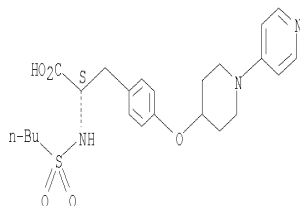
IT 166950-53-4P 166951-75-3P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of heterocyclic derivs. as inhibitors of the binding of  
fibrinogen to glycoprotein IIb/IIIa)

RN 166950-53-4 CAPLUS  
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA  
INDEX NAME)

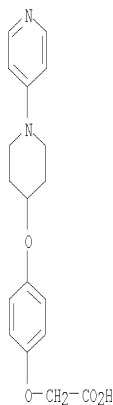


Print selected from 10599388.trn

Absolute stereochemistry.



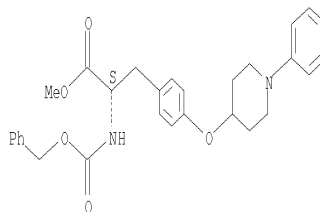
RN 166951-75-3 CAPLUS  
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)



IT 166953-00-0P 166953-13-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of heterocyclic derivs. as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa)  
RN 166953-00-0 CAPLUS  
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

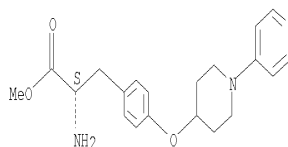
Absolute stereochemistry.

Print selected from 10599388.trn



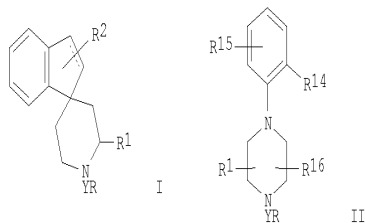
RN 166953-13-5 CAPLUS  
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
1995:954796 Document No. 123:330860 Tocolytic oxytocin receptor antagonists.  
Bock, Mark G.; Evans, Ben E.; Culberson, J. Christopher; Gilbert, Kevin F.; Rittle, Kenneth E.; Williams, Peter D. (Merck and Co., Inc., USA).  
PCT Int. Appl. WO 9525443 A1 19950928, 114 pp. DESIGNATED STATES: W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TT, UA, US, UZ; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English).  
CODEN: PIXXD2. APPLICATION: WO 1995-US3738 19950323. PRIORITY: US 1994-217270 19940324.

GI



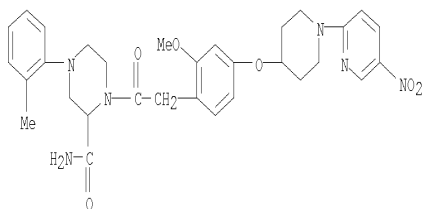
AB Spiroindenepiperidine derivs. I [R1 = H, C1-5 alkyl, CN, CO<sub>2</sub>H, Ph, etc.; R2 = H, PhCH<sub>2</sub>, C3-8 cycloalkyl, C1-5 alkyl; Y = CO<sub>2</sub>, C(O)NR<sub>2</sub>, C(:NR<sub>2</sub>), SO<sub>2</sub>, C(O)(CH<sub>2</sub>)<sub>n</sub>, (CH<sub>2</sub>)<sub>p</sub>, (CH<sub>2</sub>)<sub>p</sub>C(O); R = (tetrahydro)naphthyl, (substituted) cyclohexyl, (substituted) Ph, heterocyclyl; bond in cyclopentane ring is single or double; n = 0-3; p = 1-3] and phenylpiperazine derivs. II (Y, R, R1 as above; R14, R15 = H, C1-5 alkyl, C1-5 alkoxy, halo, NO<sub>2</sub>, CN; R16 = H, :O) and their pharmaceutically acceptable salts and esters are useful as oxytocin and vasopressin receptor antagonists for treatment of preterm labor and dysmenorrhea and for stopping labor prior to cesarean delivery. Thus, 1-[2-methoxy-4-[1-[2-(N-cyclopropylamino)ethylsulfonyl]-4-piperidyloxy]phenylacetyl]-4-(2-methylphenyl)piperazine-2-carboxamide (III) was prepared in 11 steps from 4-hydroxypiperidine, Me 2,4-dihydroxybenzoate, 2-benzylaminoethanol, o-toluidine, 2,3-dibromopropionamide, and cyclopropylamine. III competed with 1 nM oxytocin-3H for binding to rat uterine tissue with an IC<sub>50</sub> of 20 nM.

IT 170930-36-6  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(tocolytic oxytocin receptor antagonists)

RN 170930-36-6 CAPLUS

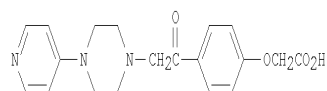
CN 2-Piperazinecarboxamide, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]phenyl]acetyl]-4-(2-methylphenyl)- (9CI) (CA INDEX NAME)



L5 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1995:810381 Document No. 123:227994 Heterocyclic derivatives as platelet aggregation inhibitors. Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney (Zeneca Ltd., UK). PCT Int. Appl. WO 9422834 A1 19941013, 145 pp. DESIGNATED STATES: W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-GB647 19940328. PRIORITY: GB 1993-6453 19930329; GB 1993-25605 19931215.

GI



I

AB Pyridine derivs. and metabolically labile esters and amides thereof were disclosed as pharmaceuticals. The compds. are useful as inhibitors of the binding of fibrinogen to glycoprotein IIb/IIIa. A specifically claimed compound is 4-[2-[4-(4-pyridinyl)-1-piperazinyl]acetyl]phenoxyacetic acid (I).

IT 166950-52-3P 166951-74-2P

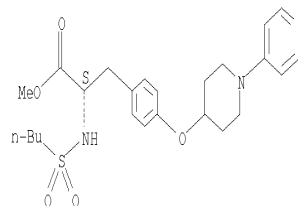
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of pyridine compds. platelet aggregation inhibitors)

RN 166950-52-3 CAPLUS

CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

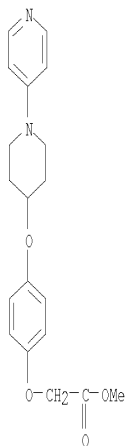
Absolute stereochemistry.



RN 166951-74-2 CAPLUS

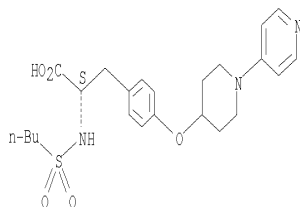
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



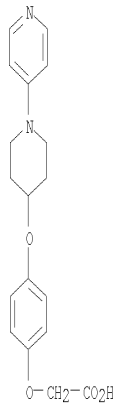
IT 166950-53-4P 166951-75-3P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of pyridine compds. platelet aggregation inhibitors)  
RN 166950-53-4 CAPLUS  
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



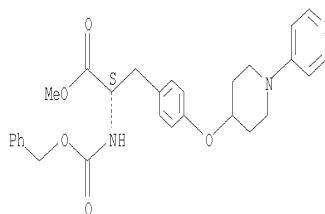
RN 166951-75-3 CAPLUS  
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



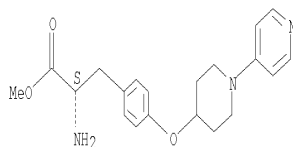
IT 166953-00-0P 166953-13-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of pyridine compds. platelet aggregation inhibitors)  
RN 166953-00-0 CAPLUS  
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 166953-13-5 CAPLUS  
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

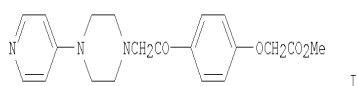


Print selected from 10599388.trn

L5 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1995:758624 Document No. 123:169654 Preparation of heterocyclic compounds as platelet aggregation inhibitors. Wayne, Michael Garth; Smithers, Michael James; Rayner, John Wall; Faull, Alan Wellington; Pearce, Robert James; Brewster, Andrew George; Shute, Richard Eden; Mills, Stuart Dennett; Caulkett, Peter William Rodney (Zeneca Ltd., UK). PCT Int. Appl. WO 9422835 A2 19941013, 236 pp. DESIGNATED STATES: W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TT, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-GB648 19940328. PRIORITY: GB 1993-6451 19930329; GB 1993-25610 19931215.

GI



AB Title compds. [I; (M1)nQ(M2)1-nLA wherein = 0, 1; M1 = amino; Q = N-heterocyclyl; M2 = imino; L = template; A = an acidic group, or ester, amide derivative, sulfonamide] and pharmaceutically acceptable salts and pro-drugs thereof are prepared. Me 4-(bromoacetyl)phenoxyacetate in MeCN was added to 1-(4-pyridyl)piperazine in MeCN to give the title compd II. Platelet aggregation inhibition was demonstrated by I. Pharmaceutical formulations comprising I are given.

IT 166950-52-3P 166950-53-4P 166951-74-2P

166951-75-3P

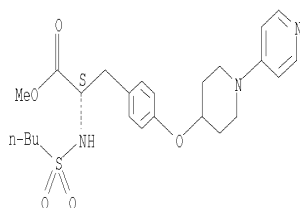
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic compds. as platelet aggregation inhibitors)

RN 166950-52-3 CAPLUS

CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

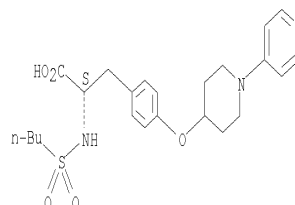


Print selected from 10599388.trn

RN 166950-53-4 CAPLUS

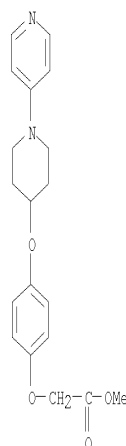
CN L-Tyrosine, N-(butylsulfonyl)-O-[1-(4-pyridinyl)-4-piperidinyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 166951-74-2 CAPLUS

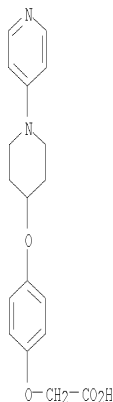
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 166951-75-3 CAPLUS

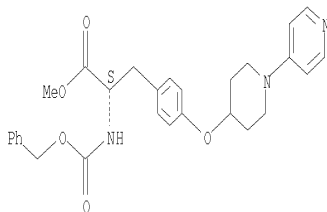
CN Acetic acid, [4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenoxy]- (9CI) (CA INDEX NAME)

Print selected from 10599388.trn



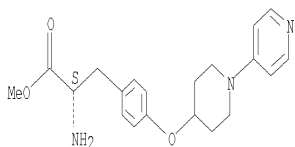
IT 166953-00-0P 166953-13-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of heterocyclic compds. as platelet aggregation inhibitors)  
RN 166953-00-0 CAPLUS  
CN L-Tyrosine, N-[(phenylmethoxy)carbonyl]-O-[1-(4-pyridinyl)-4-piperidinyl]-  
, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 166953-13-5 CAPLUS  
CN L-Tyrosine, O-[1-(4-pyridinyl)-4-piperidinyl]-, methyl ester (CA INDEX  
NAME)

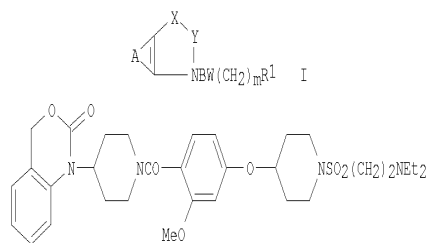
Absolute stereochemistry.



Print selected from 10599388.trn

L5 ANSWER 36 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN  
1995:470323 Document No. 123:276051 Benzoxazinone and benzopyrimidinone  
piperidinyl tocolytic oxytocin receptor antagonists. Bock, Mark G.;  
Evans, Ben E.; Hobbs, Doug W.; Williams, Peter D.; Anderson, Paul S.;  
Freidinger, Roger M.; Pettibone, Douglas J. (Merck and Co., Inc., USA).  
PCT Int. Appl. WO 9502405 A1 19950126, 385 pp. DESIGNATED STATES: W: AM,  
AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LT,  
LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ;  
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE,  
IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN:  
PIXXD2. APPLICATION: WO 1994-US7784 19940714. PRIORITY: US 1993-92840  
19930716.

GI



II

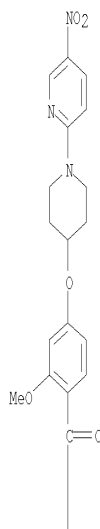
AB Fused N-containing heterocyclic ring system derivs. I [A completes a 5- or  
6-membered carbocyclic or N- and/or S-containing heterocyclic ring; X = O, NH,  
(CH2)q0, CH2NH, OCH2, CH:CH, S, etc.; Y = CH2, C:O, C:S, C:NH, C:NMe; B =  
(substituted) N-containing heterocyclic or heterobicyclic ring; W = CH2, C:O,  
CO2, SO2, C:(NCH2Ph), etc.; R1 = (hetero)aryl, C1-5 alkoxy, camphor-10-yl]  
are useful as oxytocin and vasopressin receptor antagonists, e.g in  
treatment of preterm labor and dysmenorrhea and in stopping labor  
preparatory to cesarean delivery. Thus, in competitive radioligand  
binding assays on rat uterus membrane preps., high-affinity binding of  
oxytocin-3H was inhibited by 1-[1-[4-[1-[(diethylaminoethyl)sulfonyl]-4-  
piperidinyl]-2-methoxybenzoyl]piperidin-4-yl]-1,2-dihydro-4H-3,1-  
benzoxazin-2-one (II) with an IC50 of 23 nM. II was prepared in 7 steps  
from Me 2,4-dihydroxybenzoate, N-tert-butyloxy-4-piperidinol,  
1-(4-piperidinyl)-1,2-dihydro-4H-3,1-benzoxazin-2-one-HCl (preparation given),  
ClCH2CH2SO2Cl, and HNET2. Preparation of 277 compds. of formula I is  
described.

IT 162043-85-8P 162043-86-9P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);  
BIOL (Biological study); PREP (Preparation); USES (Uses)  
(benzoxazinone and benzopyrimidinone piperidinyl tocolytic oxytocin  
receptor antagonists)

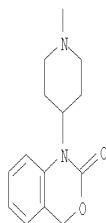
Print selected from 10599388.trn

RN 162043-85-8 CAPLUS

CN Piperidine, 1-[2-methoxy-4-[[1-(5-nitro-2-pyridinyl)-4-piperidinyl]oxy]benzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-, dihydrochloride (9CI) (CA INDEX NAME)



PAGE 1-A



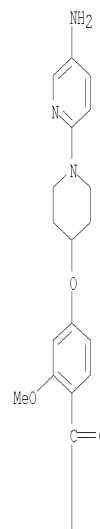
• 2 HCl

RN 162043-86-9 CAPLUS

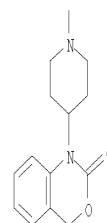
CN Piperidine, 1-[4-[[1-(5-amino-2-pyridinyl)-4-piperidinyl]oxy]-2-methoxybenzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)-, dihydrochloride (9CI) (CA INDEX NAME)

Print selected from 10599388.trn

methoxybenzoyl]-4-(2-oxo-2H-3,1-benzoxazin-1(4H)-yl)- (9CI) (CA INDEX NAME)



PAGE 1-A



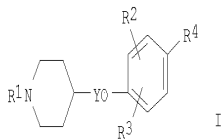
PAGE 2-A

L5 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

1994:630775 Document No. 121:230775 Phenoxy- and (phenoxyalkyl)piperidines as antiviral agents. Diana, Guy Dominic (Sterling Winthrop Inc., USA). Eur. Pat. Appl. EP 605031 A1 19940706, 22 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1993-203414 19931204. PRIORITY: US 1992-998498 19921230.

Print selected from 10599388.trn

GI



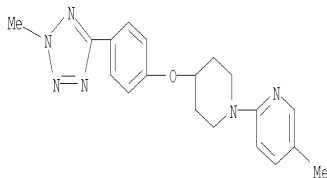
AB The title compds. [I; R1 = (un)substituted pyridyl, (un)substituted pyrimidinyl, (un)substituted pyrazinyl, etc.; R2, R3 = H, alkyl, halogen; R4 = heterocyclyl; Y = direct bond, lower alkylene], useful for combating or preventing picorna viral infections, are prepared. Thus, 2-methyl-5-(4-hydroxy-3,5-dimethylphenyl)-2H-tetrazole was reacted with 1-(5-methyl-2-pyridinyl)-4-(2-hydroxyethyl)piperidine in the presence of PPh3 and di-Et azodicarboxylate, producing I (R1 = 5-methyl-2-pyridinyl, R2 = 3-Me, R3 = 5-Me, R4 = 2-methyl-2H-tetrazol-5-yl, Y = CH2CH2), m.p. 174-176°, which demonstrated virucidal activity against human rhinovirus serotypes.

IT 158181-65-8P 158181-69-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(preparation and virucidal activity of)

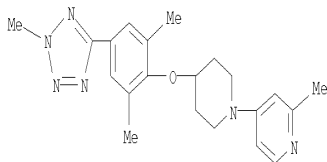
RN 158181-65-8 CAPLUS

CN Pyridine, 5-methyl-2-[4-[4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



RN 158181-69-2 CAPLUS

CN Pyridine, 4-[4-[2,6-dimethyl-4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]-2-methyl- (CA INDEX NAME)



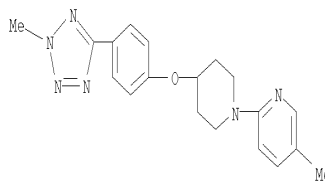
Print selected from 10599388.trn

IT 158181-65-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)  
(virucide)

RN 158181-65-8 CAPLUS

CN Pyridine, 5-methyl-2-[4-[4-(2-methyl-2H-tetrazol-5-yl)phenoxy]-1-piperidinyl]- (CA INDEX NAME)



L5 ANSWER 38 OF 38 CAPLUS COPYRIGHT 2008 ACS on STN

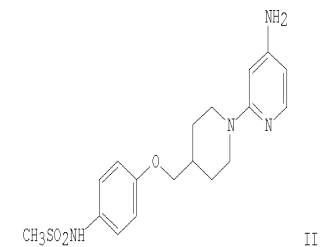
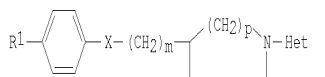
1990:631211 Document No. 113:231211 Preparation of N-

[(heterocyclylmethoxy)phenyl]sulfamides and analogs as antiarrhythmics.

Cross, Peter Edward; Dickinson, Roger Peter (Pfizer Ltd., UK; Pfizer Inc.). Eur. Pat. Appl. EP 359389 A1 19900321, 42 pp. DESIGNATED STATES: R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English).

CODEN: EPXXDW. APPLICATION: EP 1989-308064 19890808. PRIORITY: GB 1988-19307 19880813.

GI



AB 4-R1C6H4X(CH2)nNRHet and I [R = C1-4 alkyl; R1 = R2SO2NH, R2CONH; R2 = C1-4 alkyl, C3-7 cycloalkyl, NR3R4; R3, R4 = H, C1-4 alkyl; Het =

Print selected from 10599388.trn

(un)substituted 2-, 3-, or 4-pyridyl; X = O, N(Cl-4 alkyl); m = 0-2; n = 2-4] or their pharmaceutically acceptable salts, useful for treatment of cardiac arrhythmia (no data) were prepared. A mixture of 1-(benzyloxycarbonyl)-4-piperidinemethanol (preparation given) and NaH in THF was treated with 4-fluoronitrobenzene and the mixture was stirred 18 h at room temperature. The resulting (nitrophenoxymethyl)piperidine derivative was reduced by Zn/HCl in EtOH and mesylated in pyridine, the methanesulfonamide was deprotected by hydrogenation over Pd/C in EtOH and N-alkylated with 2-chloro-4-nitropyridine by refluxing for 18 h in BuOH containing Na<sub>2</sub>CO<sub>3</sub> and the product hydrogenated over Pd/C to give the title compound II.

IT 130658-54-7P 130658-66-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, in preparation of antiarrhythmic)

RN 130658-54-7 CAPLUS

CN Benzenamine, 4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]- (CA INDEX NAME)



RN 130658-66-1 CAPLUS

CN Pyridine, 4-[4-(4-nitrophenoxy)-1-piperidinyl]- (CA INDEX NAME)

Print selected from 10599388.trn

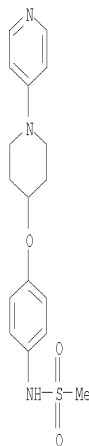


IT 130658-53-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of, as antiarrhythmic)

RN 130658-53-6 CAPLUS

CN Methanesulfonamide, N-[4-[[1-(4-pyridinyl)-4-piperidinyl]oxy]phenyl]- (CA INDEX NAME)



=> FIL HOME

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008



Print selected from 10599388.trn

=> FIL STNGUIDE  
FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Mar 7, 2008 (20080307/UP).

=> file reg  
FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6  
DICTIONARY FILE UPDATES: 11 MAR 2008 HIGHEST RN 1007457-12-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s piperidine  
L6 508978 PIPERIDINE

=> s l6 and pyridine  
1001880 PYRIDINE  
3 PYRIDINES  
1001880 PYRIDINE  
(PYRIDINE OR PYRIDINES)  
L7 2485 L6 AND PYRIDINE

=> file caplus  
FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is  
held by the publishers listed in the PUBLISHER (PB) field (available  
for records published or updated in Chemical Abstracts after December  
26, 1996), unless otherwise indicated in the original publications.

Print selected from 10599388.trn

The CA Lexicon is the copyrighted intellectual property of the  
American Chemical Society and is provided to assist you in searching  
databases on STN. Any dissemination, distribution, copying, or storing  
of this information, without the prior written consent of CAS, is  
strictly prohibited.

FILE COVERS 1907 - 12 Mar 2008 VOL 148 ISS 11  
FILE LAST UPDATED: 11 Mar 2008 (20080311/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.  
They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l7  
L8 28921 L7

=> s l8 and agr/rl  
123657 AGR/RL  
L9 226 L8 AND AGR/RL

=> d scan

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM A01N043-86  
ICS C07D265-06  
INCL 504223000  
CC 5-3 (Agrochemical Bioregulators)  
TI Preparation of 1,3-oxazin-4-one derivatives as herbicides  
ST oxazinone deriv herbicide prep  
IT Herbicides  
(preparation of herbicidal 1,3-oxazin-4-one derivs.)  
IT 192712-69-9P 192713-50-1P 192714-35-5P 263365-74-8P 263366-30-9P  
263366-32-1P 263366-33-2P 263366-34-3P 263366-35-4P 263366-36-5P  
263366-37-6P 263366-38-7P 263366-39-8P 263366-40-1P 263366-41-2P  
263366-42-3P 263366-43-4P 263366-44-5P 263366-45-6P 263368-39-4P  
263368-40-7P 263368-41-8P 311806-59-4P 311806-61-8P 311806-64-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(intermediate in preparation of herbicidal 1,3-oxazin-4-one derivs.)  
IT 263365-88-4P 263365-91-9P 263365-92-0P 263365-96-4P  
RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant  
or reagent); USES (Uses)  
(preparation of herbicidal 1,3-oxazin-4-one derivs.)  
IT 263365-70-4P 263365-71-5P 263365-72-6P 263365-73-7P 263365-75-9P  
263365-76-0P 263365-77-1P 263365-78-2P 263365-81-7P 263365-82-8P  
263365-83-9P 263365-84-0P 263365-85-1P 263365-87-3P 263365-89-5P  
263365-90-8P 263365-93-1P 263365-94-2P 263365-95-3P 263365-97-5P  
263365-98-6P 263365-99-7P 263366-01-4P 263366-03-6P 263366-06-9P  
263366-07-0P 263366-09-2P 263366-10-5P 263366-11-6P 263366-12-7P  
263366-13-8P 263366-15-0P 263366-16-1P 263366-17-2P 263366-18-3P  
263366-19-4P 263366-20-7P 263366-21-8P 263366-22-9P 263366-24-1P  
263366-25-2P 263366-26-3P 263366-27-4P 263366-28-5P 263366-29-6P  
263368-38-3P 311806-55-0P 311806-56-1P 311806-57-2P 311806-58-3P  
311806-60-7P 311806-62-9P 311806-63-0P 311806-65-2P 311806-66-3P

Print selected from 10599388.trn

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of herbicidal 1,3-oxazin-4-one derivs.)

IT 263366-08-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of herbicidal 1,3-oxazin-4-one derivs.)

IT 192714-16-2P 192714-42-4P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of herbicidal 1,3-oxazin-4-one derivs.)

IT 91679-50-4DP, 4H-1,3-Oxazin-4-one, derivs.  
RL: AGR (Agricultural use); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of herbicidal derivs.)

IT 67-68-5, Dimethylsulphoxide, reactions 74-88-4, Iodomethane, reactions 75-08-1, Ethanethiol 75-11-6, Diiodomethane 75-36-5, Acetyl chloride 76-05-1, Trifluoroacetic acid, reactions 79-22-1, Methyl chloroformate 79-37-8, Oxalyl chloride 92-66-0, 4-Bromobiphenyl 94-36-0, Benzoyl peroxide, reactions 98-03-3, 2-Thiophenecarboxaldehyde 98-59-9, p-Toluenesulphonyl chloride 104-15-4, 4-Toluenesulfonic acid, reactions 106-93-4, 1,2-Dibromoethane 110-86-1, Pyridine, reactions 110-89-4, Piperidine, reactions 127-09-3, Sodium acetate 128-08-5, N-Bromosuccinimide 128-09-6, N-Chlorosuccinimide 461-96-1, 3,5-Difluorobromobenzene 530-62-1 541-41-3, Ethyl chloroformate 542-92-7, Cyclopentadiene, reactions 557-20-0, Diethyl zinc 584-08-7, Potassium carbonate 594-02-5, 1,1-Diiodoethane 628-21-7, 1,4-Diiodobutane 811-49-4, Ethyl lithium 920-39-8, Isopropyl magnesium bromide 1071-46-1, Monoethyl malonate 1192-04-7, 1-Bromocyclopent-1-ene 1333-74-0, Hydrogen, reactions 1476-11-5, cis-1,4-Dichloro-2-butene 1521-51-3, 1-Bromocyclohex-2-ene 3586-12-7, 3-Phenoxyaniline 4039-32-1, Lithium bis(trimethylsilyl)amide 5162-44-7, 4-Bromobut-1-ene 7439-95-4, Magnesium, reactions 7529-22-8, 4-Methylmorpholine N-oxide 7580-67-8, Lithium hydride 7646-69-7, Sodium hydride 7647-01-0, Hydrochloric acid, reactions 10035-10-6, Hydrogen bromide, reactions 12125-02-9, Ammonium chloride, reactions 16853-85-3, Lithium aluminum hydride 16971-29-2, Borohydride 20816-12-0, Osmium tetroxide 22560-16-3, Lithium triethylborohydride 26299-14-9, Pyridinium chlorochromate 30194-53-7, Ethyl 2-(2-methoxyphenyl)acetoacetate 69543-15-3 107264-00-6, N-Fluoro-2,4,6-trimethylpyridinium triflate 114615-82-6, Tetrapropylammonium perruthenate 170855-23-9 170855-25-1 187104-11-6 192712-79-1 192713-74-9 192713-80-7 263366-00-3 263368-37-2 311806-54-9

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reagent in preparation of herbicidal 1,3-oxazin-4-one derivs.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM C05C009-00  
ICS C05G003-08  
CC 19-6 (Fertilizers, Soils, and Plant Nutrition)  
Section cross-reference(s): 7  
TI Urea-containing fertilizer with urease inhibitors  
ST urease inhibitor urea fertilizer  
IT Fertilizers

Print selected from 10599388.trn

RL: PROC (Process)  
(urea, containing urease inhibitors, manufacture of)

IT 52-51-7 24403-04-1  
RL: BIOL (Biological study)  
(as urease inhibitor, for urea fertilizers)

IT 9002-13-5  
RL: BIOL (Biological study)  
(urea fertilizers containing, manufacture of)

IT 113-48-4 623-59-6 1083-85-8 2289-70-5 2939-94-8 2939-97-1 4602-38-4 6675-28-1 6950-81-8 7027-11-4 10223-00-4 14225-53-7 14527-05-0 14548-57-3 19281-35-7 19954-13-3 20154-10-3 22527-73-7 22632-04-8 22871-21-2 22916-80-9 23279-12-1 25726-97-0 27419-51-8 32358-55-7 32818-72-7 32899-85-7 38101-43-8 40972-58-5 41251-13-2 52718-75-9 63765-74-2 78632-30-1 83714-43-6 87457-08-7 95251-72-2 95525-05-6 95525-06-7 95525-07-8 95525-08-9 95525-09-0 95525-10-3 95525-11-4 95525-12-5 95525-14-7 95525-15-8 95525-16-9 95525-17-0 95525-18-1 95525-19-2 95525-20-5 95525-21-6 95525-22-7 95525-23-8 95525-24-9 95525-25-0 95525-26-1 95525-27-2 95525-28-3 95525-29-4 95525-30-7 95525-31-8 95525-32-9 95525-33-0 95525-34-1 95525-35-2 95525-36-3 95525-37-4 95525-38-5 95525-39-6 95525-40-9 95525-41-0 95525-42-1 95525-43-2 95525-44-3 95525-46-5 95525-47-6 95525-48-7 95525-49-8 95525-50-1 95525-51-2 95525-52-3 95525-53-4 95525-54-5 95525-55-6 95525-56-7 95525-57-8 95525-58-9 95525-59-0 95525-60-3 95538-15-1

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)  
(urease inhibitor, for urea fertilizers)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM C07D401-04  
ICS C07D413-14; A01N043-76; A01N043-66  
CC 28-19 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
TI Preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amine derivatives  
ST fungicide agrochem aminopyridinylphenyltriazinamine prep; triazinamine aminopyridinyl phenyl prep fungicide agrochem  
IT Fungicides  
(agrochem.; preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amines)

IT 768388-43-8P 768388-44-9P 850013-54-6P 850013-55-7P 850013-56-8P 850013-57-9P 850013-58-0P 850013-59-1P 850013-60-4P  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-amines)

IT 95-51-2, 2-Chloroaniline 110-89-4, Piperidine, reactions 6168-72-5, 2-Aminopropan-1-ol 37143-54-7, 1-Methoxypropan-2-amine 333737-06-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-

Print selected from 10599388.trn

amines)  
IT 16112-59-7P 652153-37-2P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of fungicidal 4-(2-aminopyridin-4-yl)-N-phenyl-1,3,5-triazin-2-  
amines)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L9 226 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM C07D207-34  
ICS C07D401-12; C07D405-12; C07D409-12; A01N043-36  
CC 27-10 (Heterocyclic Compounds (One Hetero Atom))  
Section cross-reference(s): 5  
TI Preparation of N-substituted 3-cyano-4-phenylpyrroles as pesticides  
ST cyanophenylpyrrole prepn pesticide fungicide; pyrrole cyanophenyl prepn  
fungicide  
IT Pesticides  
(cyanophenylpyrroles)  
IT Fungicides and Fungistats  
(agrochem., cyanophenylpyrroles)  
IT 108-24-7, Acetic anhydride 541-41-3, Ethyl chloroformate  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(acylation by, of pyrrole derivative, in preparation of fungicides)  
IT 50-00-0, Formaldehyde, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(aminomethylation by amines and, of pyrrole derivative, in preparation of  
fungicides)  
IT 111-49-9, Hexahydroazepine 694-05-3 7179-86-4  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(aminomethylation by formaldehyde and, of pyrrole derivative, in  
preparation of  
fungicides)  
IT 132945-19-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(aminomethylation or acylation of, in preparation of fungicides)  
IT 136322-92-4P 136322-93-5P 136322-94-6P 136322-95-7P 136322-96-8P  
136322-97-9P 136322-98-0P  
RL: AGR (Agricultural use); BAC (Biological activity or  
effector, except adverse); BSU (Biological study, unclassified); SPN  
(Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of, as agrochem. fungicide)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s red mite  
431350 RED  
533 REDS  
431622 RED  
(RED OR REDS)  
9312 MITE  
6784 MITES  
12288 MITE  
(MITE OR MITES)  
L10 832 RED MITE

Print selected from 10599388.trn

(RED(W)MITE)

=> s army worm  
4213 ARMY  
70 ARMIES  
4266 ARMY  
(ARMY OR ARMIES)  
13963 WORM  
9201 WORMS  
20451 WORM  
(WORM OR WORMS)  
L11 311 ARMY WORM  
(ARMY(W)WORM)

=> analyze l11  
ENTER ANSWER NUMBER OR RANGE (1-):-  
ANSWER NUMBERS NOT CORRECTLY SPECIFIED.  
Enter an answer number, Example: 10  
several answer numbers, Example: 3,7,10  
a range of answer numbers, Example: 5-10  
or a combination of these. Example: 3,7,9-10,15  
ENTER ANSWER NUMBER OR RANGE (1-):311  
ENTER DISPLAY CODE (TI) OR ? :lc  
'LC' IS NOT A VALID FIELD CODE FOR FILE 'CAPLUS'  
The following are valid field codes:  
AB ----- Abstract Text  
AC ----- Patent Application Country  
AD ----- Patent Application Date  
AI ----- Patent Application Information  
AN ----- Accession Number  
AP ----- Patent Application Number  
APPS ---- Patent Application and Priority Number  
AU ----- Author or Patent Inventor  
AY ----- Patent Application Year  
CC ----- CA Classification Codes  
CS ----- Corporate Source or Patent Assignee  
CS.DIV -- Corporate Source, Division  
CS.ORG -- Corporate Source, Organization Name  
CT ----- Controlled Term  
CYA ----- Country Name of Author  
DS ----- Designated States (Patents)  
DT ----- Document Type  
FAN ----- Family Accession Number  
FS ----- File Segment  
GENBANK - GENBANK Number  
IC ----- International Patent Classification (IPC)  
ICA ----- Additional (Supplementary) IPC  
ICI ----- Index (Complementary) IPC  
ICM ----- Main IPC  
ICS ----- Secondary IPC  
IN ----- Inventor Name  
ISN ----- International Standard (Document) Number  
ISSN----- ISSN  
IPC ----- International Patent Classifications  
IT ----- Index Entries  
JT ----- Journal Title

Print selected from 10599388.trn

LA ----- Language  
NCL----- National Patent Classification Code  
OS ----- Other Source  
PA ----- Patent Assignee  
PATS----- Patent Numbers  
PC ----- Patent Country  
PCS ----- Patent Countries  
PD ----- Publication Date  
PI ----- Patent Information  
PK ----- Kind of Patent  
PN ----- Patent Number  
PRAI ---- Patent Priority Information  
PRC ----- Patent Priority Country  
PRD ----- Patent Priority Date  
PRN ----- Patent Priority Number  
PRY ----- Patent Priority Year  
PY ----- Publication Year of Original Document  
RE ----- Reference  
REC ----- Reference Count  
RAN.CA -- Reference CA File Accession Number  
RAN.CAPLUS --- Reference CAPLUS File Accession Number  
RAN.MEDLINE -- Reference MEDLINE File Accession Number  
RAN.ALL ----- Reference Accession Numbers for All Files  
RIN ----- Reference Inventor  
RAU ----- Reference Author  
RWK ----- Reference Work  
RPG ----- Reference Page Number  
RPN ----- Reference Patent Number  
RPY ----- Reference Publication Year  
RVL ----- Reference Publication Volume  
RL ----- Roles  
RN ----- CAS Registry Number  
SO ----- Source  
ST ----- Supplementary Terms (CA Keywords)  
SX ----- Chemical Abstract Section Cross-Reference Code  
TI ----- Title of Document

ENTER DISPLAY CODE (TI) OR ? :dt  
L12 ANALYZE L11 311 DT : 1 TERM

=> d l12  
L12 ANALYZE L11 311 DT : 1 TERM

TERM #	# OCC	# DOC	% DOC DT
1	1	1	100.00 JOURNAL

\*\*\*\*\* END OF L12\*\*\*

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008

L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1

Print selected from 10599388.trn

L4 672 S L1 FULL  
FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008  
L5 38 S L4  
FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008  
FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008  
FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008  
L6 508978 S PIPERIDINE  
L7 2485 S L6 AND PYRIDINE  
FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008  
L8 28921 S L7  
L9 226 S L8 AND AGR/RL  
L10 832 S RED MITE  
L11 311 S ARMY WORM  
L12 ANALYZE L11 311 DT : 1 TERM

=> s l11 and killed  
54408 KILLED  
L13 16 L11 AND KILLED

=> d scan

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC A01N  
INCL 424285000  
CC 27-6 (Heterocyclic Compounds (One Hetero Atom))  
Section cross-reference(s): 5  
TI Fungicidal furancarboxamides  
ST furancarboxamide hydroxy phenyl pesticide; pesticide  
phenylhydroxyfurancarboxamide; fungicide phenylhydroxyfurancarboxamide;  
herbicide phenylhydroxyfurancarboxamide; nematocide  
phenylhydroxyfurancarboxamide; insecticide phenylhydroxyfurancarboxamide;  
miticide phenylhydroxyfurancarboxamide  
IT Acaricides  
Fungicides and Fungistats  
Herbicides  
Insecticides  
Nematocides  
(phenylhydroxyfurancarboxamides)  
IT 29556-16-9P 51639-68-0P 51639-69-1P 51639-70-4P 51639-71-5P  
51639-72-6P 51639-73-7P 51639-74-8P 51639-75-9P 51639-76-0P  
51639-77-1P 51639-78-2P 51639-79-3P 51639-80-6P 51639-81-7P  
51639-82-8P 51639-83-9P 51639-84-0P 51639-85-1P 51639-86-2P  
51639-87-3P 51639-88-4P 51639-89-5P 51639-90-8P 51639-91-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
IT 623-10-9 823-86-9 3096-63-7 6418-00-4 10468-17-4 10468-46-9  
16152-53-7 16169-16-7 33175-34-7 34634-76-9 43192-03-6  
43192-07-0  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with 2-furoyl chlorides)  
IT 527-69-5 14003-11-3 25084-14-4 26726-16-9 51639-92-0

Print selected from 10599388.trn

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with phenylhydroxylamines)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 4 (Toxicology)  
TI Properties of a viral factor toxic to the parasitoid, *Apanteles militaris*  
ST armyworm toxin *Apanteles*; virus toxin armyworm  
IT Virus, animal  
(armyworms infected with, toxic substances of, *Apanteles militaris* in relation to)  
IT Proteins  
RL: BIOL (Biological study)  
(of virus-infected armyworms, *Apanteles militaris* in relation to)  
IT *Apanteles militaris*  
(toxic substances of virus-infected armyworms effect on)  
IT *Pseudaletia unipuncta*  
(virus-infected, toxic substances of, *Apanteles militaris* in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI 2-Selenocyanoethyl cinnamate and its use as pesticide  
IT Insecticides  
Pesticides  
(2-selenocyanoethyl cinnamate)  
IT Weed control  
(2-selenocyanoethyl cinnamate for)  
IT *Sitophilus oryza* and (or) Rice weevil  
(2-selenocyanoethyl cinnamate for control of)  
IT *Aphis fabae* and (or) Bean aphid  
Poison ivy  
Red spider mites  
(control of, by 2-selenocyanoethyl cinnamate)  
IT Ethanol, 2-selenocyanato-, cinnamate  
RL: PREP (Preparation)  
IT 823-04-1  
(Derived from data in the 6th Collective Formula Index (1957-1961))  
IT 85997-21-3P, Selenocyanic acid, 2-hydroxyethyl ester, cinnamate  
117900-10-4P, Cinnamic acid, ester with 2-hydroxyethyl selenocyanate  
RL: PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI 3-Chloro-2,3-dihydrobenzofuran-2-thiol S-(0,0-dialkyl phosphorodithioate)  
IT Insecticides  
(3-chloro-2,3-dihydrobenzofuran-2-thiol S-(0,0-dialkyl phosphorodithioate))  
IT *Macrosiphum pisi* and (or) Pea aphid  
*Prodenia eridania* and (or) Southern armyworm

Print selected from 10599388.trn

(control of, phosphorodithioates for)  
IT *Tetranychus telarius* and (or) Two-spotted spider mite  
*Tetranychus telarius* and (or) Two-spotted spider mite  
(phosphorodithioates for control of)  
IT 15834-33-0, Phosphorodithioic acid  
(0,0-dialkyl S-(3-chloro-2,3-dihydro-2-benzofuran-2-yl) esters, insecticides)  
IT 873994-15-1, 2-Benzofuranthiol, 3-chloro-2,3-dihydro-  
(S-ester with 0,0-dialkyl phosphorodithioates, insecticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15 (Soils, Fertilizers, and Agricultural Poisons)  
TI How to combat *Laphygma exigua* (Hbn.) (Lepid. Noct.)  
IT Tomatoes  
(beet army worm control on)  
IT *Laphygma exigua* and (or) Beet armyworm  
(control of)  
IT Baits  
Insecticides  
(for beet army worm)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM C07C123-00  
ICS A01N047-42; A01N047-44; C07C149-24; C07D231-12; C07D231-16;  
C07D233-61; C07D235-04; C07D249-08  
ICA C07C157-12; C07D249-20  
CC 5-4 (Agrochemical Bioregulators)  
Section cross-reference(s): 25  
TI Preparation of carboxyamidine derivative insecticides  
ST carboxyamidine insecticide prepn  
IT Insecticides  
(carboxyamidine derivs., preparation of)  
IT 106448-23-1P 107227-76-9P 107236-58-8P 107236-59-9P 107236-60-2P  
107236-61-3P 107236-62-4P 107236-63-5P 107236-64-6P 107236-65-7P  
107236-66-8P 107236-67-9P 107236-68-0P 107236-69-1P 107236-70-4P  
107236-71-5P 107236-72-6P 107236-73-7P 107236-74-8P 107236-75-9P  
107236-76-0P 107236-77-1P 107236-78-2P 107236-79-3P 107236-80-6P  
107236-81-7P 107236-82-8P 107236-83-9P 107236-84-0P 107236-85-1P  
107236-86-2P 107236-87-3P 107236-88-4P 107236-89-5P 107236-90-8P  
107236-91-9P 107236-92-0P 107236-93-1P 107236-94-2P 107236-95-3P  
107236-96-4P 107236-97-5P 107236-98-6P 107236-99-7P 107237-00-3P  
107237-01-4P 107237-02-5P 107237-03-6P 107237-04-7P 107237-05-8P  
107237-06-9P 107237-07-0P 107237-08-1P 107237-09-2P 107237-10-5P  
107237-11-6P 107237-12-7P 107237-13-8P 107237-14-9P 107237-15-0P  
107237-16-1P 107237-17-2P 107237-18-3P 107237-19-4P 107237-20-7P  
107237-21-8P 107237-22-9P 107237-23-0P 107237-24-1P 107237-25-2P  
107237-26-3P 107237-27-4P 107237-28-5P 107237-29-6P 107237-30-9P  
107237-31-0P 107237-32-1P 107237-33-2P 107237-34-3P 107237-35-4P  
107237-36-5P 107237-37-6P 107237-38-7P 107237-39-8P 107237-40-1P  
107237-41-2P 107237-42-3P 107237-43-4P 107237-44-5P 107237-45-6P  
107237-46-7P 107237-47-8P 107237-48-9P 107237-50-3P 107237-51-4P  
107237-52-5P 107237-53-6P 107237-54-7P 107237-55-8P 107237-56-9P

Print selected from 10599388.trn

107237-57-0P 107237-58-1P 107237-59-2P 107237-60-5P 107237-61-6P  
107237-62-7P 107237-63-8P 107237-64-9P 107237-65-0P 107237-66-1P  
107237-67-2P 107237-68-3P 107237-69-4P 107237-70-7P 107237-71-8P  
107237-72-9P 107237-73-0P 107237-74-1P 107237-75-2P 107237-76-3P  
107237-77-4P 107237-78-5P 107237-79-6P 107237-80-9P 107237-81-0P  
107237-82-1P 107237-83-2P 107237-84-3P 107237-85-4P 107237-86-5P  
107237-87-6P 107237-88-7P 107237-89-8P 107237-90-1P 107237-91-2P  
107237-92-3P 107237-93-4P 107237-94-5P 107237-95-6P 107237-96-7P  
107237-97-8P 107237-98-9P 107237-99-0P 107238-00-6P 107238-01-7P  
107238-02-8P 107238-03-9P 107238-04-0P 107238-05-1P 107238-06-2P  
107238-08-4P 107238-09-5P 107238-10-8P 107238-11-9P 107238-12-0P  
107238-13-1P 107244-45-1P 107250-42-0P 107250-43-1P 107250-44-2P  
107250-45-3P 107250-46-4P 107250-47-5P 107250-48-6P 107250-49-7P  
107250-50-0P 107253-45-2P 107253-46-3P 107253-47-4P 107253-52-1P  
107253-53-2P 107253-54-3P 107253-55-4P 107253-56-5P 107253-57-6P  
107253-58-7P 107253-59-8P 107253-60-1P 107283-83-0P 107284-92-4P  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); SPN (Synthetic  
preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of, as insecticide)  
IT 103995-51-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with azoles)  
IT 288-13-1, Pyrazole 288-32-4, Imidazole, reactions 288-88-0  
42839-23-6  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with dichloro(trifluoromethylphenyl)difluorobenzoylthiourea)  
IT 107238-07-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with imidazole)  
IT 107236-85-1  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with sodium methylate)  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1  
L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC C08G  
INCL 260078000A  
CC 36 (Plastics Manufacture and Processing)  
Section cross-reference(s): 5  
TI Polymers of L-amino acid derivatives of S-(substituted benzyl) compounds  
ST cysteine deriv polymer; amino acid resolution; herbicide cysteine deriv;  
insecticide cysteine deriv  
IT Herbicides  
Insecticides  
(vinylbenzyl)cysteine  
IT Resolution  
(of amine derivs., by cysteine derivative polymers)  
IT Benzene, ethenyl-, homopolymer, chloromethylated, reaction products with  
L-cysteine  
RL: USES (Uses)  
(resolution by, of amine derivs.)  
IT Benzene, diethenyl-, polymer with (chloromethyl)ethenylbenzene, reaction  
products with dimethyl sulfide and L-cysteine

Print selected from 10599388.trn

RL: USES (Uses)  
(resolving agents and pesticides)  
IT 34568-39-3P 36497-69-5P  
RL: PREP (Preparation)  
(preparation of)  
IT 9074-69-5D, Sulfonium, [(ethenylphenyl)methyl]dimethyl-, chloride,  
homopolymer, chloromethylated, reaction products with L-cysteine  
9074-71-9  
RL: USES (Uses)  
(resolution by, of amine derivs.)  
IT 59-51-8 618-36-0  
RL: PROC (Process)  
(resolution of, by cysteine derivative polymers)  
IT 52-90-4D, L-Cysteine, reaction products with chloromethylated polymers  
75-18-3D, Methane, thiobis-, reaction products with L-cysteine and  
divinylbenzene-vinylbenzyl chloride polymers 9036-15-1D, Benzene,  
(chloromethyl)ethenyl-, polymer with diethenylbenzene, reaction products  
with dimethyl sulfide and L-cysteine  
RL: USES (Uses)  
(resolving agents and pesticides)  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1  
L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC C07F  
CC 39 (Organometallic and Organometalloidal Compounds)  
TI Biologically active S-(10-phenoxarsinyl)esters  
IT Pesticides  
(S-10-phenoxarsinyl esters as)  
IT Benzoic acid, p-(pentylthio)thio-  
Benzoic acid, p-butoxythio-  
Benzoic acid, p-ethoxythio-  
o-Anisic acid, thio-  
(S-10-phenoxarsinyl derivative)  
IT 17148-96-8, Oxalic acid, 1,2-dithio-  
(phenoxarsinyl derivative)  
IT 7393-59-1P, Phenoxarsine, 10-(acetylthio)- 7393-60-4P, Phenoxarsine,  
10-(propionylthio)- 7393-61-5P, Phenoxarsine, 10-(isobutylthio)-  
7393-62-6P, Phenoxarsine, 10-(nonanoylthio)- 7393-64-8P, Phenoxarsine,  
10-[(3-cyclohexylpropionyl)thio]- 7393-65-9P, Phenoxarsine,  
10-[(phenylacetyl)thio]- 7393-66-0P, Phenoxarsine, 10-  
[(phenoxyacetyl)thio]- 7393-70-6P, Phenoxarsine, 10-[(p-  
butoxybenzoyl)thio]- 7393-71-7P, Phenoxarsine, 10-[(p-  
pentylthio)benzoyl]thio)- 7393-72-8P, Phenoxarsine, 10-[(3,4,5-  
triethoxybenzoyl)thio]- 7393-81-9P, Phenoxarsine, 10-[(thiocarboxy)thio]-  
, O-cyclohexyl ester 7393-84-2P, Phenoxarsine, 10-[(thiocarboxy)thio]-,  
O-allyl ester 7441-96-5P, Phenoxarsine, 10-(butylthio)- 7441-98-7P,  
Phenoxarsine, 10,10'-(oxalylthio)di- 10336-73-9P, Phenoxarsine,  
10-[(thiocarboxy)thio]-, O-octyl ester 10336-78-4P, Phenoxarsine,  
10-[(3,4,5-trimethoxybenzoyl)thio]- 10537-17-4P, Phenoxarsine,  
10-(p-anisoylthio)- 99689-86-8P, Phenoxarsine, 10-[(2,4-  
dichlorophenoxy)acetyl]thio)- 99812-73-4P, Phenoxarsine,  
10-(octanoylthio)- 100022-96-6P, Phenoxarsine, 10-[(3,5-  
dimethoxybenzoyl)thio]- 100022-97-7P, Phenoxarsine, 10-[(p-  
ethoxybenzoyl)thio)- 100027-13-2P, Phenoxarsine, 10-(o-anisoylthio)-  
100338-48-5P, Phenoxarsine, 10-(valerylthio)- 100411-31-2P,

Print selected from 10599388.trn

Phenoxarsine, 10-(decanoylthio)- 101014-37-3P, Phenoxarsine,  
10-[[p-(ethoxyphenoxy)acetyl]thio]- 103349-97-9P, Phenoxarsine,  
10-(lauroylthio)- 106682-85-3P, Phenoxarsine, 10-(heptanoylthio)-  
RL: PREP (Preparation)  
(preparation of)  
IT 103-04-8, Acetic acid, phenylthio- 507-09-5, Acetic acid, thio-  
1892-31-5, Propionic acid, thio- 3931-64-4, Butyric acid, thio-  
6253-37-8, Xanthic acid, octyl- 6279-44-3, p-Anisic acid, thio-  
6790-94-9, Xanthic acid, allyl- 6791-03-3, Xanthic acid, cyclohexyl-  
7530-92-9, Octanethioic acid 24304-33-4, Dodecanoic acid, thio-  
26206-66-6, Decanethioic acid 44296-44-8, Propionic acid, 2-methylthio-  
53966-59-9, Valeric acid, thio- 55561-03-0, Heptanethioic acid  
62167-01-5, Acetic acid, phenoxythio- 101580-77-2, Acetic acid,  
(2,4-dichlorophenoxy)thio- 106509-25-5, Nonanethioic acid 856306-54-2,  
Benzoic acid, 3,5-dimethoxythio- 875824-49-0, Cyclohexanepropionic acid,  
thio- 875831-78-0, Benzoic acid, 3,4,5-triethoxythio- 875832-52-3,  
Acetic acid, (p-ethoxyphenoxy)thio-  
(S-10-phenoxarsinyl derivative)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Parasiticide  
IT Insecticides  
(chlorinated pyrene)  
IT Tetranychus telarius and(or) Two-spotted spider mite  
(control of, by chlorinated pyrene)  
IT Prodenia eridania and(or) Southern armyworm  
(control of, chlorinated pyrene for)  
IT Cranberries  
(two-spotted-spider-mite control on, with chlorinated pyrene)  
IT 129-00-0, Pyrene  
(chloro derivs., parasitocides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 10 (Organic Chemistry)  
TI O-Methoxyphenyl O-alkyl amidothiophosphates  
IT Phenols  
(halogenated, phosphoramidothionates)  
IT Insecticides  
(O-methoxyphenyl phosphoramidothioates)  
IT Fungicides or Fungistats  
(O-methoxyphenyl phosphoramidothionates)  
IT Phenol, m-methoxy-, phosphoramidothioates  
Phenol, p-methoxy-, phosphoramidothioates  
Phosphoramidothioic acid, O-methoxyphenyl esters  
Phosphoramidothioic acid, dodecyl-, O-methoxyphenyl esters  
RL: PREP (Preparation)  
IT 109818-37-3P, Phosphoramidothioic acid, ethyl-, O-p-methoxyphenyl O-Me  
ester 872814-17-0P, Phosphoramidothioic acid, diethyl-, O-methoxyphenyl  
ester 872814-18-1P, Phosphoramidothioic acid, di-sec-butyl-, O-butyl  
O-m-methoxyphenyl ester 872814-19-2P, Phosphoramidothioic acid, decyl-,  
O-butyl O-p-methoxyphenyl ester 872814-20-5P, Phosphoramidothioic acid,

Print selected from 10599388.trn

butyl-, O-ethyl O-p-methoxyphenyl ester 874531-56-3P, Guaiacol,  
phosphoramidothioate 875228-85-6P, Phosphoramidothioic acid, hexyl-,  
O-ethyl O-o-methoxyphenyl ester  
RL: PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15 (Soils, Fertilizers, and Agricultural Poisons)  
TI Effects of some ingested insecticides on the midgut wall of the southern  
armyworm larva  
IT Prodenia eridania and(or) Southern armyworm  
(effect of insecticides on midgut wall of)  
IT Insecticides  
(effect on midgut wall of southern army worm larva)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC C07D; C07F  
INCL 260309500  
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
TI Insecticidal O,O-di(C1-2-alkyl)-S-[1-(C2-20-acyl)hydantoin-3-yl]methyl  
phosphorothioates  
ST hydantoin phosphorothioate insecticidal  
IT Insecticides  
(hydantoinyl methyl phosphorothioates)  
IT 25046-09-7 25046-10-0 25046-11-1 25046-13-3 25046-14-4  
25046-15-5 33093-68-4 38986-62-8 38986-63-9 38986-65-1  
38986-66-2 38986-69-5 38986-70-8 38986-72-0 38986-73-1  
38986-76-4 38986-77-5 38986-78-6 38986-79-7  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BIOL (Biological study)  
(insecticidal activity of)  
IT 38986-74-2P 38986-80-0P 38986-81-1P 38986-82-2P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
INCL 260429700  
CC 19 (Pesticides)  
TI Toxic organotin borates  
ST ORGANOTIN BORATE PESTICIDE; BORATE ORGANOTIN PESTICIDE; PESTICIDE  
ORGANOTIN BORATE  
IT Aspergillus niger  
Staphylococcus aureus  
(control by tin borates)  
IT Pythium ultimum  
Rhizoctonia solani  
Salmonella typhosa  
(control by tris(tripropyltin)borate)  
IT Contrachelus nenuphar

Print selected from 10599388.trn

(control of adults by tris(tributyltin)borate)  
IT Prodenia eridania  
(control of larvea by tris(tripropyltin)borate and  
tris(tributyltin)borate)  
IT Venturia inaequalis  
(ingibition by tris(triphenyltin)borate and tris(tripropyltin)borate)  
IT Herbicides  
Pesticides  
(tin borates as)  
IT Mosquitoes  
(yellow fever, control of larvae by tris(triphenyltin)borate)  
IT Compound b0.2175-80.deg.  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
IT 7040-90-6 7141-19-7 13437-28-0  
RL: AGR (Agricultural use); BAC (Biological activity or effector, except  
adverse); BSU (Biological study, unclassified); BIOL (Biological study);  
USES (Uses)  
(as pesticide)  
IT 7440-31-5D, Tin, compds. with boric acid  
RL: BIOL (Biological study)  
(as pesticides and preemergent herbicides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Control of the armyworm by three chlorinated hydrocarbon insecticides  
IT Insecticides  
(chlorinated hydrocarbons, for armyworm)  
IT Hydrocarbons  
(chloro, armyworm control by)  
IT Pseudaletia unipuncta and(or) Armyworm  
(control of, by chlorinated hydrocarbons)  
IT 50-29-3, Ethane, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-  
(armyworm control by)  
IT 50-29-3, Ethane, 1,1,1-trichloro-2,2-bis(p-chlorophenyl)-  
(white-lined-sphinx larvae control by)  
IT 608-73-1, Cyclohexane, 1,2,3,4,5,6-hexachloro-  
(Pseudaletia unipuncta control by)  
IT 8001-35-2, Toxaphene  
(Pseudaletia unipuncta control by)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Preliminary tests of some phenol esters of butyric acid  
IT Insecticides  
(butyric acid esters)  
IT Macrosiphum pisi and(or) Pea aphid  
Oncopeltus fasciatus and(or) Large milk-weed bug  
Pseudaletia unipuncta and(or) Armyworm  
(control of, esters of butyric acid in)  
IT 3121-70-8, 1-Naphthol, butyrate 5856-33-7, 2-Naphthol, butyrate  
7476-82-6, Phenol, 2,3,4,6-tetrachloro-, butyrate 7476-83-7, Phenol,

Print selected from 10599388.trn

2,4,6-tribromo-, butyrate 7476-87-1, Phenol, 4-tert-butyl-2-chloro-,  
butyrate 7476-88-2, Phenol, 2-bromo-4-phenyl-, butyrate 7476-90-6,  
Phenol, pentachloro-, butyrate 7495-14-9, Phenol, 2,4-dichloro-6-phenyl-  
, butyrate 24273-19-6, Phenol, 2,4-dinitro-, butyrate 29052-06-0,  
Phenol, p-bromo-, butyrate 63867-15-2, o-Cresol, 4,6-dinitro-, butyrate  
100792-28-7, Phenol, 2-bromo-4-tert-butyl-, butyrate 202831-81-0,  
Phenol, p-nonyl-, butyrate 500362-01-6, p-Cresol, 2-tert-butyl-,  
butyrate 501356-45-2, Phenol, p-tert-butyl-, butyrate 501356-62-3,  
m-Cresol, 6-tert-butyl-, butyrate 501356-63-4, o-Cresol, 4-tert-butyl-,  
butyrate 501356-67-8, o-Cresol, 4-chloro-, butyrate  
(as insecticide)  
IT 32351-66-9, Phenol, 2,4-dichloro-, butyrate  
(as insectide)  
IT 88-06-2, Phenol, 2,4,6-trichloro- 88-69-7, Phenol, o-isopropyl-  
88-75-5, Phenol, o-nitro- 95-57-8, Phenol, o-chloro- 95-95-4, Phenol,  
2,4,5-trichloro- 99-89-8, Phenol, p-isopropyl- 100-02-7, Phenol,  
p-nitro- 106-48-9, Phenol, p-chloro- 119-42-6, Phenol, o-cyclohexyl-  
123-07-9, Phenol, p-ethyl- 620-17-7, Phenol, m-ethyl- 1131-60-8,  
Phenol, p-cyclohexyl-  
(butyrates, as insecticides)  
IT 107-92-6, Butyric acid  
(esters, as insecticides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L13 16 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15 (Soils, Fertilizers, and Agricultural Poisons)  
TI How to combat Laphygma exigua (Hbn.) (Lepid. Noct.)  
IT Tomatoes  
(beet army worm control on)  
IT Laphygma exigus and(or) Beet armyworm  
(control of)  
IT Baits  
Insecticides  
(for beet army worm)

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008

L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1  
L4 672 S L1 FULL

FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008

L5 38 S L4

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

FILE 'STINGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008



Print selected from 10599388.trn

FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008

L6 508978 S PIPERIDINE  
L7 2485 S L6 AND PYRIDINE

FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008

L8 28921 S L7  
L9 226 S L8 AND AGR/RL  
L10 832 S RED MITE  
L11 311 S ARMY WORM  
L12 ANALYZE L11 311 DT : 1 TERM  
L13 16 S L11 AND KILLED

=> s l11 and piperidine  
61679 PIPERIDINE  
3632 PIPERIDINES  
62626 PIPERIDINE  
(PIPERIDINE OR PIPERIDINES)  
L14 1 L11 AND PIPERIDINE

=> d scan

L14 1 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Pesticidal 2,2-dimercaptoacetamides  
IT Fungicides or Fungistats  
(2,2-dimercaptoacetamide esters with phosphorodithioates)  
IT Prodenia eridania and(or) Southern armyworm  
(control of, 2,2-dimercaptoacetamide esters with phosphorodithioates  
for)  
IT Cockroaches  
Epilachna varivestis and(or) Mexican bean beetle  
Macrosiphum pisi and(or) Pea aphid  
Tetranychus telarius and(or) Two-spotted spider mite  
(control of, by 2,2-dimercaptoacetamide esters with  
phosphorodithioates)  
IT Oxidation  
(in automatic control of chlorination of paper pulp)  
IT Insecticides  
(0,0-dialkyl phosphorodithioate S,S-diester with 2,2-  
dimercaptoacetamide derivs.)  
IT Acetamide, 2,2-dimercapto-N,N-diethyl-, S,S-diester with 0,0-di-Et  
phosphorodithioate  
Acetamide, N,N-diisobutyl-2,2-dimercapto-, S,S-diester with 0,0-di-Et  
phosphorodithioate  
Morpholine, 4-dimercaptoacetyl-, S,S-diester with 0,0-di-Et  
phosphorodithioate  
Piperidine, 1-dimercaptoacetyl-, S,S-diester with 0,0-di-Et  
phosphorodithioate  
(pesticide)  
IT Acetamide, N,N-diethyl-2,2-dimercapto-  
(S,S-diester with 0,0-dialkyl phosphorodithioates, pesticides)  
IT Acetamide, 2,2-dimercapto-N,N-dimethyl-  
Acetamide, N,N-diallyl-2,2-dimercapto-  
(S,S-diester with 0,0-dialkyl phosphorodithioates, pesticides)  
IT 100116-51-6 100390-11-2 108750-04-5 109043-81-4 109262-30-8  
109310-29-4 109569-90-6 109597-49-1 109598-27-8 111415-45-3

Print selected from 10599388.trn

111587-83-8 112271-50-8 118019-80-0 119438-54-9 124106-60-1  
(Derived from data in the 6th Collective Formula Index (1957-1961))  
IT 15834-33-0, Phosphorodithioic acid  
(esters, pesticides)

ALL ANSWERS HAVE BEEN SCANNED

=> s spider mite  
7708 SPIDER  
1788 SPIDERS  
8343 SPIDER  
(SPIDER OR SPIDERS)  
9312 MITE  
6784 MITES  
12288 MITE  
(MITE OR MITES)  
L15 3044 SPIDER MITE  
(SPIDER(W)MITE)

=> s l15 and piperidine  
61679 PIPERIDINE  
3632 PIPERIDINES  
62626 PIPERIDINE  
(PIPERIDINE OR PIPERIDINES)  
L16 15 L15 AND PIPERIDINE

=> d scan

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 5-4 (Agrochemical Bioregulators)  
Section cross-reference(s): 27  
TI Synthesis of mannich bases of 2,6-disubstituted 2H-pyran-3(6H)-ones and  
their miticidal activity  
ST pyranone Mannich base prepn miticide  
IT Acaricides  
(structure-miticidal activity relationships of pyranone Mannich bases)  
IT Molecular structure-biological activity relationship  
(acaricidal, structure-miticidal activity relationships of pyranone  
Mannich bases)  
IT 50-00-0P, Formalin, preparation 110-89-4P, Piperidine,  
preparation  
RL: BMF (Bioindustrial manufacture); BIOL (Biological study); PREP  
(Preparation)  
(Mannich base preparation from pyranone and piperidine and  
formalin)  
IT 67-63-0, Isopropanol, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(condensation with acetyloxy pyranone)  
IT 157996-14-0P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and acetylation of)  
IT 62644-58-0P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and condensation with isopropanol)

Print selected from 10599388.trn

IT 157996-15-1P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and conversion to Mannich base with piperidine)  
IT 157996-13-9P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and ring enlargement reaction of)  
IT 67-56-1, Methanol, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction with (hydroxyheptyl)furan of)  
IT 22721-97-7, 2-(1-Hydroxyheptyl)furan  
RL: BIOL (Biological study)  
(reaction with methanol of)  
IT 157995-79-4 157995-80-7 157995-81-8 157995-82-9 157995-83-0  
157995-84-1 157995-85-2 157995-86-3 157995-87-4 157995-88-5  
157995-89-6 157995-90-9 157995-91-0 157995-92-1 157995-93-2  
157995-94-3 157995-95-4 157995-96-5 157995-97-6 157995-98-7  
157995-99-8 157996-00-4 157996-01-5 157996-02-6 157996-03-7  
157996-04-8 157996-05-9 157996-06-0 157996-07-1 157996-08-2  
157996-09-3 157996-10-6 157996-11-7 157996-12-8  
RL: BIOL (Biological study)  
(structure-miticidal activity relationships of pyranone Mannich bases)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Basic phosphoric acid ester insecticides  
IT Red spider mite  
(basic thiophosphoric acid esters for control of)  
IT Aphids  
(control of, with basic thiophosphoric acid esters)  
IT Insecticides  
(phosphorothioates)  
IT 1-Piperidine ethanol, O-ester with O,O-di-Et phosphorothioate  
(insecticide)  
IT 13598-51-1, Phosphorothioic acid  
(esters (basic), insecticides)  
IT 15834-33-0, Phosphorodithioic acid  
(esters, insecticides of basic)  
IT 23713-11-3, Ethanethiol, 2-diethylamino-, S-ester with O,O-di-Et  
phosphorodithioate 93375-37-2, Ethanol, 2-dimethylamino-, O-ester with  
O,O-di-Et phosphorothioate 108753-96-4, 1-Piperidine  
ethanethiol, S-ester with O,O-di-Et phosphorodithioate 857383-74-5,  
1-Piperidinepropanethiol, S-ester with O,O-di-Et phosphorodithioate  
860705-52-8, 1-Butanol, 4-diethylamino-, O-ester with O,O-di-Et  
phosphorothioate  
(insecticide)  
IT 108-02-1P, Ethanethiol, 2-dimethylamino-, esters, with O,O-di-Et  
phosphorodithioate 5823-21-2P, Ethanol, 2-diethylamino-, O-ester with  
O,O-di-Et phosphorothioate 110439-08-2P, 4-Morpholine ethanethiol,  
S-ester with O,O-di-Et phosphorodithioate  
RL: PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

Print selected from 10599388.trn

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 29-7 (Organometallic and Organometalloidal Compounds)  
Section cross-reference(s): 5  
TI Phosphorus-Containing Esters of Anabasine and Piperidine  
ST phosphorus contg ester anabasine piperidine prepn miticide  
carbophos mixt  
IT Tetranychus urticae  
(Koch; preparation and potentiating effect in carbophos mixts. on acaricidal  
activity of phosphorus-containing esters of anabasine and  
piperidine toward spider mites)  
IT Acaricides  
(preparation and potentiating effect in carbophos mixts. on acaricidal  
activity of phosphorus-containing esters of anabasine and  
piperidine toward spider mites)  
IT 141097-31-6P 169211-65-8P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological  
study); PREP (Preparation); USES (Uses)  
(preparation and potentiating effect in carbophos mixts. on acaricidal  
activity of phosphorus-containing esters of anabasine and  
piperidine toward spider mites)  
IT 18687-51-9 53121-61-2 66383-89-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation and potentiating effect in carbophos mixts. on acaricidal  
activity of phosphorus-containing esters of anabasine and  
piperidine toward spider mites)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Pesticides and Crop-Control Agents)  
TI Pesticidal 2,2-dimercaptoacetamides  
IT Fungicides or Fungistats  
(2,2-dimercaptoacetamide esters with phosphorodithioates)  
IT Prodenia eridania and(or) Southern armyworm  
(control of, 2,2-dimercaptoacetamide esters with phosphorodithioates  
for)  
IT Cockroaches  
Epilachna varivestis and(or) Mexican bean beetle  
Macrosiphum pisi and(or) Pea aphid  
Tetranychus telarius and(or) Two-spotted spider mite  
(control of, by 2,2-dimercaptoacetamide esters with  
phosphorodithioates)  
IT Oxidation  
(in automatic control of chlorination of paper pulp)  
IT Insecticides  
(O,O-dialkyl phosphorodithioate S,S-diester with 2,2-  
dimercaptoacetamide derivs.)  
IT Acetamide, 2,2-dimercapto-N,N-dioctyl-, S,S-diester with O,O-di-Et  
phosphorodithioate  
Acetamide, N,N-diisobutyl-2,2-dimercapto-, S,S-diester with O,O-di-Et  
phosphorodithioate  
Morpholine, 4-dimercaptoacetyl-, S,S-diester with O,O-di-Et  
phosphorodithioate  
Piperidine, 1-dimercaptoacetyl-, S,S-diester with O,O-di-Et  
phosphorodithioate

Print selected from 10599388.trn

(pesticide)  
IT Acetamide, N,N-diethyl-2,2-dimercapto-  
(S,S-diester with 0,0-dialkyl phosphorodithioates, pesticides)  
IT Acetamide, 2,2-dimercapto-N,N-dimethyl-  
Acetamide, N,N-diallyl-2,2-dimercapto-  
(S,S-diester with 0,0-dialkyl phosphorodithioates, pesticides)  
IT 100116-51-6 100390-11-2 108750-04-5 109043-81-4 109262-30-8  
109310-29-4 109569-90-6 109597-49-1 109598-27-8 111415-45-3  
111587-83-8 112271-50-8 118019-80-0 119438-54-9 124106-60-1  
(Derived from data in the 6th Collective Formula Index (1957-1961))  
IT 15834-33-0, Phosphorodithioic acid  
(esters, pesticides)  
  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1  
  
L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC ICM C07D401-10  
ICS C07D403-10; C07D413-10; C07D491-113; C07D471-04; C07D487-04;  
A01N047-02; A01N043-54; A01N043-00  
CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
TI Preparation of 3-phenyl-6-(trifluoromethyl)uracils as insecticides  
ST phenyltrifluoromethyluracil prepn agrochem insecticide; spider  
mite phenyltrifluoromethyluracil prepn agrochem insecticide  
IT Agrochemicals  
Arthropoda  
Herbicides  
Insecticides  
Tetranychidae  
(preparation of phenyltrifluoromethyluracils as insecticides)  
IT 749896-60-4P  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic  
preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
(Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of phenyltrifluoromethyluracils as insecticides)  
IT 749896-62-6P 749896-64-8P 749896-66-0P 749896-68-2P 749896-70-6P  
749896-72-8P 749896-74-0P 749896-76-2P 749896-78-4P 749896-80-8P  
749896-82-0P 749896-84-2P 749896-86-4P 749896-88-6P 749896-90-0P  
749896-92-2P 749896-94-4P 749896-96-6P 749896-98-8P 749897-00-5P  
749897-02-7P 749897-04-9P 749897-06-1P 749897-08-3P 749897-10-7P  
749897-12-9P 749897-14-1P 749897-16-3P 749897-18-5P 749897-20-9P  
749897-22-1P 749897-24-3P 749897-28-7P 749897-30-1P 749897-32-3P  
749897-34-5P 749897-36-7P 749897-38-9P 749897-40-3P 749897-42-5P  
749897-44-7P 749897-46-9P  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of phenyltrifluoromethyluracils as insecticides)  
IT 77-78-1, Dimethylsulfate 1126-09-6, Piperidine-4-carboxylic  
acid ethyl ester 71922-62-8 162926-25-2, 3-(4-Cyano-2,5-  
difluorophenyl)-6-trifluoromethyl-1H-pyrimidin-2,4-dione  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of phenyltrifluoromethyluracils as insecticides)  
IT 749897-49-2P, 3-(4-Cyano-2-fluoro-5-isocyanatophenyl)-1-methyl-6-  
trifluoromethyl-1H-pyrimidin-2,4-dione  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

Print selected from 10599388.trn

(Reactant or reagent)  
(preparation of phenyltrifluoromethyluracils as insecticides)  
  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1  
  
L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
INCL 260293400  
CC 38 (Heterocyclic Compounds (More Than One Hetero Atom))  
TI Alkenyl thiophosphonic acid fluoramides  
IT Insecticides  
(phosphonamidothioic fluorides as)  
IT 694-45-1 3334-36-9 92546-49-1  
(Derived from data in the 7th Collective Formula Index (1962-1966))  
IT 648-60-2P, Phosphonamidothioic fluoride, N,N-dimethyl-P-vinyl-  
651-02-5P, Phosphinothioic fluoride, ethylpiperidino- 651-25-2P,  
Phosphinothioic fluoride, 1-aziridinylethyl- 661-61-0P,  
Phosphonamidothioic fluoride, trimethyl- 663-70-7P, Phosphonamidothioic  
fluoride, P-ethyl-N,N-dimethyl- 665-02-1P, Phosphonamidothioic fluoride,  
P-ethyl-N-methyl- 667-03-8P, Phosphonamidothioic fluoride, triethyl-  
667-04-9P, Phosphonamidothioic fluoride, N,N-diethyl-P-vinyl- 667-05-0P,  
Phosphinothioic fluoride, ethyl-1-pyrrolidinyl- 672-40-2P,  
Phosphinothioic fluoride, methylpiperidino- 699-76-3P, Phosphinothioic  
fluoride, piperidinovinyl- 753-72-0P, Phosphonothioic difluoride,  
methyl- 811-99-4P, Phosphonamidothioic fluoride, N,P-dimethyl-  
1426-16-0P, Phosphonamidothioic fluoride, N,N-diethyl-P-methyl-  
1478-47-3P, Phosphinothioic fluoride, methylmorpholino- 1478-49-5P,  
Phosphinothioic fluoride, methyl-1-pyrrolidinyl- 1546-89-0P,  
Phosphinothioic fluoride, ethylmorpholino- 2708-16-9P, Phosphinothioic  
fluoride, morpholinovinyl- 2708-17-0P, Phosphinothioic fluoride,  
1-pyrrolidinylvinyl- 3334-11-0P, Phosphinothioic fluoride,  
1-aziridinylmethyl- 3334-34-7P, 2-Propanone, hexafluoro-, compound with  
2-pyridinepropanol (1:1) 3334-35-8P, Cyclopentanol, 1-ethynyl-, compound  
with hexafluoro-2-propanone (1:1) 3334-37-0P, 2-Propanone,  
1,3-dichloro-1,1,3,3-tetrafluoro-, compound with 2,2',2'',2'''-  
(ethylenedinitrilo)tetraethanol (2:1) 3334-38-1P, Glucitol, compound with  
hexafluoro-2-propanone (1:6) 3334-39-2P, Pyran-2-methanol, tetrahydro-,  
compound with chloropentafluoro-2-propanone (2:1) 3334-39-2P, 2-Propanone,  
chloropentafluorob-, compound with tetrahydropyran-2-methanol (1:2)  
3334-41-6P, 2-Propanone, 1,3-dichloro-1,1,3,3-tetrafluoro-, compound with  
1-glycololpyrrolidine (1:1) 3342-53-8P, Ethanol, 2-(dimethylamino)-,  
compound with 1,3-dichloro-1,1,3,3-tetrafluoro-2-propanone (1:1)  
3481-55-8P, 2-Propanone, hexafluoro-, compound with 3-pyridinemethanol (1:1)  
3481-56-9P, 2-Propanone, 1,3-dichloro-1,1,3,3-tetrafluoro-, compound with  
2,2',2'',2'''-(ethylenedinitrilo)tetraethanol (4:1)  
RL: PREP (Preparation)  
(preparation of)  
  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1  
  
L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 25-16 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)  
Section cross-reference(s): 5, 27  
TI Synthesis and bioactivity of 1-(4-chlorophenyl)-1-propanone oxime  
derivatives  
ST chlorophenyl propanone oxime chlorobenzoyl chloride piperidine  
dimethylhydroxylamine dibutylamine pesticide; herbicide amino chlorophenyl

Print selected from 10599388.trn

propanone oxime prepn; pesticide amino chlorophenyl propanone oxime prepn;  
acaricide amino chlorophenyl propanone oxime prepn; spider  
mite amino chlorophenyl propanone oxime prepn

IT Acaricides  
Culex pipiens pallens  
Herbicides  
Pesticides  
Tetranychus cinnabarinus  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity as insecticides, miticides and herbicides)

IT Echinochloa colonum  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity toward Echimium vulgare, Echinochloa colonum (Jungle  
rice), Digitaria sanguinalis(Large crabgrass), Cucumis sativus,  
Brassica chinensis (pakchoi cabbage))

IT Brassica chinensis  
Cucumis sativus  
Digitaria sanguinalis  
Echimium vulgare  
Eclipta alba  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity toward Echimium vulgare, Echinochloa colonum (Jungle  
rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica  
chinensis (pakchoi cabbage))

IT 74-85-1, Ethylene, reactions 110-89-4, Piperidine, reactions  
111-92-2, N,N-Dibutylamine 122-01-0, 4-Chlorobenzoyl chloride  
1117-97-1, N,O-Dimethylhydroxylamine 5470-11-1  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of amino(chlorophenyl)propanone oxime derivs.)

IT 3946-29-0P, 3-Chloro-1-(4-chlorophenyl)-1-propanone 32594-52-8P  
735201-09-9P 911434-97-4P 911434-99-6P 911435-01-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of amino(chlorophenyl)propanone oxime derivs.)

IT 911435-03-5P 911435-05-7P 911435-07-9P 911435-09-1P 911435-11-5P  
911435-13-7P 911435-15-9P 911435-17-1P 911435-19-3P 911435-21-7P  
911435-23-9P 911435-25-1P 911435-27-3P 911435-28-4P  
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological  
study); PREP (Preparation); USES (Uses)  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity as insecticides, miticides and herbicides)

IT 78-77-3 106-39-8 109-65-9 402-23-3 20443-99-6 182924-36-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity toward Echimium vulgare, Echinochloa colonum (Jungle  
rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica  
chinensis (pakchoi cabbage))

IT 881669-13-2P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of amino(chlorophenyl)propanone oxime derivs. and study of  
their activity toward Echimium vulgare, Echinochloa colonum (Jungle  
rice), Digitaria sanguinalis, Eclipta alba, Cucumis sativus, Brassica  
chinensis (pakchoi cabbage))

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

Print selected from 10599388.trn

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
INCL 167022000  
CC 23 (Aliphatic Compounds)  
TI Carbamoyl thiocarbamoyl disulfides  
ST DISULFIDES; BACTERIOSTATIC; CARBAMOYL DISULFIDES; DISULFIDES CARBAMOYL  
THIOCARBAMOYL; BACTERIOSTATIC; DISULFIDES; BACTERIOSTATIC; MORPHOLINES  
PESTICIDAL; THIOCARBAMOYL DISULFIDES CARBAMOYL; FUNGICIDAL CARBAMOYL  
THIOCARBAMOYL; PIPERIDINE PESTICIDAL; BENZYL THIOCARBAMATES;  
CARBAMOYL THIOCARBAMOYL DISULFIDES; BACTERIOSTATIC CARBAMOYL THIOCAR;  
PESTICIDAL CARBAMOYL THIOCARBAMOYL

IT Bactericides  
Fungicides  
(dialkylcarbamoyl dialkylthiocarbamoyl disulfides as)

IT 1166-51-4  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibenzylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19476-02-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibenzylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 1114-63-2  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibutylcarbamoyl diethylthiocarbamoyl disulfide)

IT 1114-62-1, Disulfide, dibutylthiocarbamoyl dimethylcarbamoyl  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibutylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-98-0  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibutylthiocarbamoyl diethylcarbamoyl disulfide)

IT 1114-61-0  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dibutylthiocarbamoyl dimethylthiocarbamoyl disulfide)

IT 1114-77-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with diethylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-97-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with diethylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 1114-60-9  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dihexylcarbamoyl dimethylthiocarbamoyl disulfide)

IT 19475-99-1  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dihexylthiocarbamoyl dimethylcarbamoyl disulfide)

IT 19476-00-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dimethylcarbamoyl morpholinethiocarbonyl disulfide)

IT 19476-01-8, Disulfide, dimethylthiocarbamoyl piperidinocarbonyl  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dimethylcarbamoyl piperidinethiocarbonyl disulfide)

IT 1138-05-2  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dimethylthiocarbamoyl morpholinocarbonyl disulfide)

IT 1138-04-1  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mixture with dimethylthiocarbamoyl piperidinocarbonyl disulfide)

IT 1114-64-3P 1114-78-9P 1115-06-6P

Print selected from 10599388.trn

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Economic Poisons)  
TI (3,4-Methylenedioxyphenyl)propylene compound  
IT Insecticides  
(3,4-methylenedioxyphenyl)propylene compound as, or insecticide synergist)  
IT Aphis fabae and(or) Bean aphid  
Flies  
Macrosiphum pisi and(or) Pea aphid  
(control of, (3,4-methylenedioxyphenyl)propylene compds. for)  
IT Red spider mite  
(control of, on bush bean, (3,4-methylenedioxyphenyl)propylene compds. for)  
IT Thrips  
(control of, on chickory, (3,4-methylenedioxyphenyl)propylene compds. for)  
IT Insectifuges  
(for Mexican bean beetle, (3,4-methylenedioxyphenyl)propylene compds.)  
IT Beans and(or) Phaseolus  
(red-spider control on bush, (3,4-methylenedioxyphenyl)propylene compds. for)  
IT Epilachna varivestis and (or) Mexican bean beetle  
(repellents for, (3,4-methylenedioxyphenyl)propylene compds.)  
IT Pyrethrins  
(synergists for, (3,4-methylenedioxyphenyl)propylene compds.)  
IT Rotenoids  
(synergists for, (3,4-methylenedioxyphenyl)propylene compds. as)  
IT Chicory  
(thrips control on, (3,4-methylenedioxyphenyl)propylene compds. for)  
IT 86808-79-9, Acetic acid, [3-(3,4-methylenedioxyphenyl)propylthio]-  
721922-88-9, Acetamide, N-allyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]-  
855878-26-1, Acetamide, 2-( $\alpha$ -methyl-3,4-  
methylenedioxyphenethylthio)-N,N-dipentyl- 855878-34-1, Acetamide,  
2-[3-(3,4-methylenedioxyphenyl)propylthio]-N,N-dipentyl- 855878-42-1,  
Acetamide, N-cyclohexyl-2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-  
855878-47-6, Acetamide, N-cyclohexyl-2-[3-(3,4-  
methylenedioxyphenyl)propylthio]- 855880-07-8, Acetamide,  
N-ethyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855880-78-3,  
Acetamide, 2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-N,N-dipropyl-  
855880-85-2, Acetamide, 2-[3-(3,4-methylenedioxyphenyl)propylthio]-N,N-  
dipropyl- 855881-11-7, Acetamide, N-butyl-2-[3-(3,4-  
methylenedioxyphenyl)propylthio]- 855882-54-1, Acetamide,  
N,N-diisopropyl-2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-  
855882-61-0, Acetamide, N,N-diisopropyl-2-[3-(3,4-  
methylenedioxyphenyl)propylthio]- 855883-39-5, Acetamide,  
N-benzyl-2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-  
855883-46-4, Acetamide, N-benzyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]  
]- 855883-61-3, Acetamide, N-isobutyl-2-( $\alpha$ -methyl-3,4-  
methylenedioxyphenethylthio)- 855883-66-8, Acetamide,  
N-isobutyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 855883-88-4,  
Acetamide, N,N-diethyl-2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-

Print selected from 10599388.trn

855883-95-3, Acetamide, N,N-diethyl-2-[3-(3,4-  
methylenedioxyphenyl)propylthio]- 855884-41-2, Acetamide,  
N,N-dicyclohexyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]-  
855884-98-9, Acetamide, N,N-dibutyl-2-( $\alpha$ -methyl-3,4-  
methylenedioxyphenethylthio)- 855885-05-1, Acetamide,  
N,N-dibutyl-2-[3-(3,4-methylenedioxyphenyl)propylthio]- 857557-12-1,  
Acetic acid, ( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-  
858453-91-5, Morpholine, 4-[( $\alpha$ -methyl-3,4-  
methylenedioxyphenethylthio)acetyl]- 860248-71-1, Morpholine,  
4-[(3-(3,4-methylenedioxyphenyl)propylthio)acetyl]- 861054-81-1,  
Acetamide, N-butyl-2-( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)-  
(as insecticide)  
IT 857237-91-3, Piperidine, 1-[(3-(3,4-  
methylenedioxyphenyl)propylthio)acetyl]- 858260-43-2, Piperidine  
, 1-[( $\alpha$ -methyl-3,4-methylenedioxyphenethylthio)acetyl]-  
(insecticide)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC C07D  
INCL 260293600  
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
TI 4-Substituted-5-cyano-7-nitro-2-( $\alpha$ , $\alpha$ -  
difluoroalkyl)benzimidazoles  
ST insecticide perfluoroalkylbenzimidazole; herbicide  
perfluoroalkylbenzimidazole; acaricide perfluoroalkylbenzimidazole;  
pesticide perfluoroalkylbenzimidazole; fluoroalkylbenzimidazole pesticide;  
benzimidazole fluoroalkyl pesticide  
IT Acaricides  
Herbicides  
Insecticides  
(cyanonitro(perfluoroalkyl)benzimidazoles)  
IT 58987-65-8P 58987-67-0P 58987-69-2P 58987-71-6P 58987-72-7P  
58987-73-8P 58987-74-9P 58987-75-0P 58987-76-1P 58987-77-2P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); SPN (Synthetic preparation); BIOL (Biological  
study); PREP (Preparation)  
(preparation and insecticidal activity of)  
IT 58987-66-9P 58987-68-1P 58987-70-5P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and insecticidal and herbicidal activity of)  
IT 58987-79-4  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with alcs. and sodium)  
IT 58987-78-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with amines, alcs., and ethanethiol)  
IT 107-10-8 108-91-8 109-73-9 811-51-8 13952-84-6  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with chloronitrotris(trifluoromethyl)benzimidazole)  
IT 58987-80-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with ethanol and sodium)

Print selected from 10599388.trn

IT 58987-81-8  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with piperidine)  
IT 110-89-4, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(with chloronitrobis(trifluoromethyl)benzimidazole)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 15A (Economic Poisons)  
TI N-Substituted m-nitrobenzamides as insecticides  
IT Diaphania hyalinata and(or) Melonworm  
Macrosiphum pisi and(or) Pea aphid  
Tetranychus telarius and(or) Two-spotted spider mite  
Toxoptera aurantii and(or) Black citrus aphid  
Udea rubigalis  
(control of)  
IT Peas  
Swiss chard  
(m-nitrobenzamide N-derivative toxicity to)  
IT Beets  
Cabbage  
Corn  
Pumpkins  
Turnips  
(m-nitrobenzamide N-derivative toxicity to)  
IT Beans and(or) Phaseolus  
Kale  
(nitrobenzamide N-derivative effect on)  
IT Insecticides  
(nitrobenzamide N-derivs. as)  
IT 7497-14-5, Benzoic acid, m-nitro-, 2-phenylhydrazide 26163-45-1,  
Piperidine, 1-m-nitrobenzoyl-  
(as insecticide)  
IT 645-09-0, Benzamide, m-nitro-  
(derivs., as insecticides)  
IT 2448-05-7P, Benzamide, N-isobutyl-m-nitro- 2448-06-8P, Benzamide,  
N,N-diisopropyl-m-nitro- 3400-26-8P, Benzamide, N-methyl-m-nitro-  
7291-02-3P, Benzamide, N,N-dimethyl-m-nitro- 39887-56-4P, Benzamide,  
m-nitro-N-propyl- 50445-53-9P, Benzamide, N-isopropyl-m-nitro-  
70001-47-7P, Benzamide, N-butyl-m-nitro- 328259-29-6P, Benzamide,  
N-sec-butyl-m-nitro-  
RL: PREP (Preparation)  
(preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L16 15 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
IC A01N009-22  
INCL 424273000  
CC 28-10 (Heterocyclic Compounds (More Than One Hetero Atom))  
Section cross-reference(s): 5  
TI 4-Substituted-5,7-dinitro-2-( $\alpha,\alpha$ -difluoroalkyl)-benzimidazole  
compounds as insecticides  
ST fluoroalkylbenzimidazole prepn insecticide; benzimidazole fluoroalkyl

Print selected from 10599388.trn

prepn insecticide; amine chlorobenzimidazole substitution; alc  
chlorobenzimidazole substitution; thiol chlorobenzimidazole substitution;  
nitrobenzimidazole prepn insecticide  
IT Insecticides  
(dinitro( $\alpha,\alpha$ -difluoroalkyl)benzimidazoles)  
IT Alcohols, reactions  
Amines, reactions  
Thiols, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with chloronitro(difluoroalkyl)benzimidazoles)  
IT 60168-01-6P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and decarboxylation of)  
IT 60168-02-7P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and diazotization-hydration of)  
IT 60168-00-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and hydrolysis-decarboxylation of)  
IT 30542-64-4P 30542-65-5P 30542-66-6P 30542-69-9P 30542-70-2P  
30542-71-3P 30542-72-4P 30542-73-5P 30542-75-7P 30542-77-9P  
30542-78-0P 30542-80-4P 30542-82-6P 30542-83-7P 30542-84-8P  
30542-86-0P 30542-89-3P 30542-90-6P 30542-91-7P 30542-93-9P  
30542-94-0P 30542-97-3P 30542-99-5P 30543-01-2P 30543-02-3P  
30543-03-4P 30543-05-6P 30543-08-9P 30548-37-9P 30548-39-1P  
30548-40-4P 30548-42-6P 30548-43-7P 30548-46-0P 30548-47-1P  
30548-49-3P 30548-50-6P 30548-51-7P 30548-53-9P 30548-54-0P  
30548-56-2P 30548-59-5P 30548-61-9P 30548-62-0P 30645-87-5P  
30649-02-6P 30650-73-8P 30650-74-9P 30650-75-0P 33662-76-9P  
60167-64-8P 60167-65-9P 60167-66-0P 60167-67-1P 60167-68-2P  
60167-70-6P 60167-71-7P 60167-72-8P 60167-73-9P 60167-74-0P  
60167-75-1P 60167-77-3P 60167-78-4P 60167-79-5P 60167-84-2P  
60167-86-4P 60167-87-5P 60167-88-6P 60167-90-0P 60167-92-2P  
60167-94-4P 60167-95-5P 60167-96-6P 60167-97-7P 60181-53-5P  
60181-54-6P 60181-55-7P 62293-38-3P 62293-40-7P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); SPN (Synthetic preparation); BIOL (Biological  
study); PREP (Preparation)  
(preparation and insecticidal activity of)  
IT 60168-03-8P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation and nitration of)  
IT 30542-67-7P 30542-68-8P 30542-74-6P 30542-76-8P 30542-79-1P  
30542-81-5P 30542-82-6P 30542-85-9P 30542-87-1P 30542-88-2P  
30542-92-8P 30542-95-1P 30542-96-2P 30542-98-4P 30543-00-1P  
30543-04-5P 30543-07-8P 30548-38-0P 30548-41-5P 30548-44-8P  
30548-45-9P 30548-48-2P 30548-52-8P 30548-55-1P 30548-57-3P  
30548-60-8P 30645-86-4P 30650-72-7P 30788-79-5P 60167-66-0P  
60167-76-2P 60167-80-8P 60167-81-9P 60167-83-1P 60167-85-3P  
60167-91-1P 60167-93-3P 60285-67-8P 60285-68-9P 62293-39-4P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
IT 39030-54-1 60167-99-9

Print selected from 10599388.trn

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with amines)  
IT 75-64-9, reactions 108-93-0, reactions 110-89-4, reactions 513-53-1  
2421-81-0  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with halo(trifluoromethyl)benzimidazole)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008

L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1  
L4 672 S L1 FULL

FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008

L5 38 S L4

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008

L6 508978 S PIPERIDINE  
L7 2485 S L6 AND PYRIDINE

FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008

L8 28921 S L7  
L9 226 S L8 AND AGR/RL  
L10 832 S RED MITE  
L11 311 S ARMY WORM  
L12 ANALYZE L11 311 DT : 1 TERM  
L13 16 S L11 AND KILLED  
L14 1 S L11 AND PIPERIDINE  
L15 3044 S SPIDER MITE  
L16 15 S L15 AND PIPERIDINE

=> analyze l16

ENTER ANSWER NUMBER OR RANGE (1-):15

ENTER DISPLAY CODE (TI) OR ?:dt

L17 ANALYZE L16 15 DT : 1 TERM

=> d l17

L17 ANALYZE L16 15 DT : 1 TERM

TERM #	# OCC	# DOC	% DOC	DT
1	1	1	100.00	PATENT

\*\*\*\*\* END OF L17\*\*\*

=> d cbib abs 1-15

Print selected from 10599388.trn

L17 ANALYZE L16 15 DT : 1 TERM

=> d cbib abs L16 1-15

L16 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

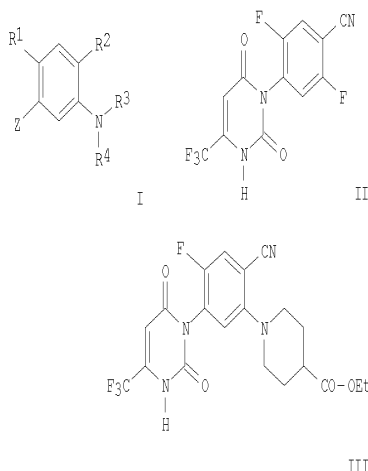
2005:1247589 Document No. 145:397162 Synthesis and bioactivity of  
1-(4-chlorophenyl)-1-propanone oxime derivatives. Wang, Yuanguang; Yuan,  
Liping; Chen, Liang; Cao, Jin; Guo, Qingming; Zhang, Yibin (Shanghai  
Pesticide Research Institute, Shanghai, 200032, Peop. Rep. China).  
Nongyaoxue Xuebao, 7(2), 114-118 (Chinese) 2005. CODEN: NXOUAS. ISSN:  
1008-7303. OTHER SOURCES: CASREACT 145:397162. Publisher: Nongyaoxue  
Xuebao Bianjibu.

AB To search for pesticide lead compds. with a new type of structure,  
fourteen novel 1-(4-chlorophenyl)-1-propanone oxime derivs. were designed  
and synthesized. Their structures were confirmed by <sup>1</sup>H NMR and elemental  
anal. The preliminary bioassay showed that this kind of compound presented  
insecticidal and herbicidal activities. The mortality of Culex pipiens  
pallens treated with 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-propanone  
O-(2,4-dichlorobenzyl)oxime, 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-  
propanone O-isobutyloxime and 1-(4-chlorophenyl)-3-(1-piperidinyl)-1-  
propanone O-(4-chlorophenyl)oxime at the concentration of 50 mg/L reached 100%.

L16 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

2004:719892 Document No. 141:243559 Preparation of 3-phenyl-6-  
(trifluoromethyl)uracils as insecticides. Schwarz, Hans-Georg; Andree,  
Roland; Hoischen, Dorothee; Linker, Karl-Heinz; Kluth, Joachim; Schallner,  
Otto; Drewes, Mark Wilhelm; Dahmen, Peter; Feucht, Dieter; Pontzen, Rolf;  
Loesel, Peter; Auler, Thomas; Hills, Martin; Kehne, Heinz (Bayer  
CropScience AG, Germany). Ger. Offen. DE 10307142 A1 20040902, 51 pp.  
(German). CODEN: GWXXBX. APPLICATION: DE 2003-10307142 20030220.

GI



AB Title compds. I [R1 = H, CN, halo; R2 = NO<sub>2</sub>, CN, thiocarbonyl; R3, R4 = together with the N-atom form a monocyclic or bicyclic ring with provisos; Z = heterocyclic ring, e.g., s-triazol-3-ols, pyrrole-2,5-diones, 2,4-dioxypyrimidines, etc.] were prepared. For example, N-alkylation of piperidine-4-carboxylic acid Et ester by difluorophenyl II, afforded trifluoromethyluracil III in 40% yield. In spider mite control assays, 3-examples of compds. I showed good effectiveness (sic).

L16 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

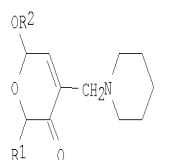
2004:174278 Document No. 141:157208 Phosphorus-Containing Esters of Anabasine and Piperidine. Tilyabaev, Z.; Dalimov, D. N.; Babaev, B. N.; Kuvshinova, N. D.; Khashimova, M. Kh.; Oimatov, M. (A. S. Sadykov Institute of Bioorganic Chemistry, Academy of Sciences of the Republic of Uzbekistan, Tashkent, 700143, Uzbekistan). Chemistry of Natural Compounds (Translation of Khimiya Prirodnykh Soedinenii), 39(6), 589-591 (English) 2003. CODEN: CHNCA8. ISSN: 0009-3130. OTHER SOURCES: CASREACT 141:157208. Publisher: Kluwer Academic/Consultants Bureau.

AB New P-containing esters of anabasine and piperidine [O,O-dibutyl-S-(piperidinobutyn-2-yl) thiophosphate and N-β-[(O-pentylphenylphosphonyl)mercaptoethyl]anabasine] were synthesized. Their potentiating effect in a mixture with carbophos was determined on spider mites.

L16 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1994:598500 Document No. 121:198500 Synthesis of mannich bases of 2,6-disubstituted 2H-pyran-3(6H)-ones and their miticidal activity. Takao, Hisashi; Murai, Keizaburo; Yasudomi, Norio; Goto, Takeshi; Umetsu, Noriharu; Horie, Tokunaru (Naruto Res. Cent., Otsuka Chem. Co., Naruto, 772, Japan). Nippon Noyaku Gakkaishi, 19(3), 151-6 (English) 1994. CODEN: NNGADV. ISSN: 0385-1559.

GI



AB 2,6-Disubstituted 4-(N,N-disubstituted)aminomethyl-2H-pyran-3(6H)-ones (I, R1 = alkyl or PH; R2 = H, alkyl, cyclohexyl) were synthesized and their miticidal activity against female adults of 2-spotted spider mites (Tetranychus urticae) mainly examined in greenhouse tests. The activity was greatly affected by the 4-aminomethyl groups on the pyran ring and the compds. with the 4-piperidinomethyl group exhibited the highest activity. The 2-alkyl and 6-alkoxy groups increased the activity depending on their C chain length whereas the other 2- or 6-substituents decreased it. Consequently, the most active compound was I (R1 = hexyl; R2 = CHMe2) (II). II showed an excellent activity against female adults of kanazawa spider mites (T. kanazawai) and citrus red mites (Panonychus citri) and also efficiently controlled the next generation of the above 3 kinds of mites.

L16 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1979:151581 Document No. 90:151581 Original Reference No. 90:24081a,24084a N-Aminosulfonyl derivatives of aldicarb. Fukuto, Tetsuo Roy; Black, Allan Lindsay (University of California, Berkeley, USA). U.S. US 4108991 19780822, 6 pp. (English). CODEN: USXXAM. APPLICATION: US 1976-747752 19761206.

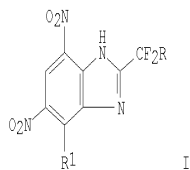
AB MeSCMe2CH:NO2CNMeSNRR1 (R,R1 = C1-6 alkyl, Ph, phenylalkyl; NRR1 = piperidine, morpholine, pyrrolidine, piperazine, hexahydroazepine) were prepared. Thus, PhCH2NHMe was treated with S2Cl2 to give PhCH2NMeSCl, which on treatment with MeSCMe2CH:NO2CNHMe gave MeSCMe2CH:NO2CNMeSNMeCH2Ph (I). At 10 ppm I gave 96% kill of 2-spotted spider mites and 20% kill of pea aphids.

L16 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1977:140050 Document No. 86:140050 Original Reference No. 86:21997a,22000a 4-Substituted-5,7-dinitro-2-(α,α-difluoroalkyl)-benzimidazole compounds as insecticides. Miesel, John L. (Eli Lilly and Co., USA). U.S. US 4000295 19761228, 23 pp. (English). CODEN: USXXAM. APPLICATION: US 1975-588972 19750620.

GI



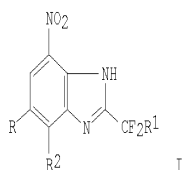


AB Benzimidazoles I (R = F, Cl, CF<sub>3</sub>, CF<sub>2</sub>CF<sub>3</sub>; R<sub>1</sub> = alkylthio, alkoxy, alkyl, NR<sub>2</sub>R<sub>3</sub>, R<sub>2</sub> = H, R<sub>3</sub> = alkyl, cycloalkyl; R<sub>2</sub> = R<sub>3</sub> = alkyl, cycloalkyl; NR<sub>2</sub>R<sub>3</sub> = piperidino, octaazocino, decaisoquinolyl, hexaazepino, azabicycloalkanyl) (106 compds.) were prepared. Thus, I (R = F, R<sub>1</sub> = Cl) (II) was treated with Me<sub>3</sub>CNEt<sub>2</sub> in the presence of Et<sub>3</sub>N to give I (R = F, R<sub>1</sub> = Me<sub>3</sub>CNH). Similar treatment of II with piperidine gave I (R = F, R<sub>1</sub> = piperidino). The reaction of cyclohexanol and K and II in PO(NMe<sub>2</sub>)<sub>3</sub> gave I (R = F, R<sub>1</sub> = cyclohexyloxy) and of EtCHMeSNa and II gave I (R = F, R<sub>1</sub> = EtCHMeS). These I exhibited insecticidal activity against the Mexican bean beetle, southern armyworm, the two-spotted spider mite, milkweed bug, house fly, and the boll weevil.

L16 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1976:150630 Document No. 84:150630 Original Reference No. 84:24483a,24486a  
4-Substituted-5-cyano-7-nitro-2-(*α,α*-difluoroalkyl)benzimidazoles. Miesel, John L.; Wickiser, David I. (Eli Lilly and Co., USA). U.S. US 3939166 19760217, 11 pp. (English). CODEN: USXXAM. APPLICATION: US 1973-416298 19731115.

GI



AB Benzimidazoles I (R = CF<sub>3</sub>, R<sub>1</sub> = F, R<sub>2</sub> = MeO, EtS, PrNH, EtO, piperidino, BuNH, cyclohexylamino, EtMeCHCH<sub>2</sub>NH; R = cyano, R<sub>1</sub> = F, R<sub>2</sub> = EtO, PrNH; R = R<sub>1</sub> = CF<sub>3</sub>, R<sub>2</sub> = EtO, PrO; R = Cyano, R<sub>1</sub> = CF<sub>3</sub>, R<sub>2</sub> = piperidino) were prepared by refluxing chloro compds. I (R<sub>2</sub> = Cl) with amines in EtOH for .apprx.60 hr or with EtSNa or alcs. and Na overnight. I (R = CF<sub>3</sub>, R<sub>1</sub> = F, R<sub>2</sub> = Cl) was prepared, e.g., by treating I (R = CF<sub>3</sub>, R<sub>1</sub> = F, R<sub>2</sub> = OH) with SO<sub>2</sub>Cl and a little DMF at room temperature. At 10-500 ppm, I killed 91-100% Mexican bean beetle, southern armyworm, 2-spotted spider mite, milkweed bug, house fly, and boll weevil. At 2 lb/acre, I (R = CF<sub>3</sub>, R<sub>1</sub> = F, R<sub>2</sub> = MeO) gave essentially complete control of crabgrass, pigweed, and foxtail without phytotoxic effect on corn, cotton, or soybeans. I (R = CF<sub>3</sub>, R<sub>1</sub> = F, R<sub>2</sub> = EtO; R = R<sub>1</sub> = CF<sub>3</sub>, R<sub>2</sub> = PrO) gave essentially the same results at 4 lb/acre.

L16 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1968:68491 Document No. 68:68491 Original Reference No. 68:13191a,13194a  
Carbamoyl thiocarbamoyl disulfides. Brooks, Lester Allen; O'Shaughnessy, Robert T. (Vanderbilt, R. T., Co., Inc.). U.S. US 3318763 19670509, 11 pp. (English). CODEN: USXXAM. APPLICATION: US 19630111.

AB Title compds. of the formula R<sub>1</sub>R<sub>2</sub>NC(O)SSC(S)NR<sub>3</sub>R<sub>4</sub> (I) where R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, and R<sub>4</sub> are C<sub>1</sub>-10 alkyl, cycloalkyl, aralkyl, or heterocyclic radicals were prepared for use as pesticide bases. Thiuram monosulfides were oxidized with an O-containing gas or air and N<sub>2</sub>O<sub>4</sub> as catalyst at 0-35° alone or in aqueous or inert solvent systems. Thus, 416 g. tetramethylthiuram monosulfide was slurried in 1500 ml. H<sub>2</sub>O and 500 g. crushed ice and the mixture stirred while 55 g. N<sub>2</sub>O<sub>4</sub> mixed with air and air alone were bubbled into the mixture through fritted glass tubes at 0-10°. After 50 min. the mixture was filtered and dried under vacuum at 50° to give 93% dimethylcarbamoyl dimethylthiocarbamoyl disulfide (II), m. 103-6°. Similar methods were used to prepare the following I (R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, % yield): Me, Me, Et, Et, 95; Et, Et, Et, Et, 92; Et, Et, Bu, Bu, 96; Bu, Bu, Bu, Bu, 96; Me, Me, C<sub>6</sub>H<sub>13</sub>, C<sub>6</sub>H<sub>13</sub>, 95; Me, Me, (R<sub>3</sub>R<sub>4</sub> =) CH<sub>2</sub>CH<sub>2</sub>OCH<sub>2</sub>CH<sub>2</sub>, 94; Me, Me, (R<sub>3</sub>R<sub>4</sub> =) (CH<sub>2</sub>)<sub>5</sub>, 83; Me, Me, PhCH<sub>2</sub>, PhCH<sub>2</sub>, 83. Extensive test data show that II is a more active pesticide than tetramethyl thiuram disulfide. I was an effective bacteriostat in soap at 1% levels against *Bacillus subtilis*, *Staphylococcus aureus*, and *Salmonella typhosa*; at 1% with diaper detergent against *S. aureus*; at 1% in treated cotton duck for soil burial (*Aspergillus niger*); at 0.1-0.3% against mixed flora in paper mill slime; at \$5.00 per ton in moldproofing Kraft paper; at 500-1000 ppm. as a dry cleaning bacteriostat (*S. aureus*, *Salmonella typhosa*); from 10-10,000 ppm. against seven organisms in jet fuel; and at 1% in a vinyl resin composition (*A. niger*, *A. flavus*, *Penicillium luteum*, and *Trichoderma*). A wettable powder was tested as an agricultural fungicide applied as a spray controlled cucumber mildew (*Pseudoperonospora cubensis*), *Helminthosporium* corn leaf blight, *Alternaria* leaf spot and *Phytophthora* late blight on tomatoes, *Venturia inaequalis* apple scab, *Coccomyces hiemalis* cherry leaf spot, and *Monilinia fructicola* [*Sclerotinia fructicola*] brown peach rot. I was also used to treat sweet corn, wax bean, and sugar beet seeds, as an antifouling agent, and as a contact pesticide against pea aphids and spider mites at 0.35%.

L16 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1965:463155 Document No. 63:63155 Original Reference No. 63:11578d-h  
Alkenyl thiophosphonic acid fluoramides. Schrader, Gerhard (Farbenfabriken Bayer A.-G.). US 3184465 19650518, 4 pp. (English). PRIORITY: DE 19590303.

AB The title compds. RFP(S)NR<sub>1</sub>R<sub>2</sub> (I), prepared by the reaction of an aliphatic thionophosphonic acid difluoride with a primary or secondary amine, show high insecticidal but low mammalian toxicity. Thus, to 58 g. methylthionophosphonic acid difluoride, b<sub>1</sub> 84°, in 400 mL. C<sub>6</sub>H<sub>6</sub> is added dropwise 90 g. of a 50% benzene-Me<sub>2</sub>NH solution. The temperature is kept at 20° during the addition by stirring and cooling. The mixture is stirred for 3 h. then cooled to 5° and 50 mL. of ice water is added. The C<sub>6</sub>H<sub>6</sub> phase is separated, dried with Na<sub>2</sub>SO<sub>4</sub>, and distilled to yield 85% methylfluorothionophosphonic acid dimethylamide (II) b<sub>2</sub> 50°. The toxicity on rats per os is 5 mg. kg. L.D.<sub>50</sub>. In a test, where 50 flies are placed in a petri dish in which a filter paper is placed which has

been sprayed drip wet with a 0.01% solution of II 100% of the flies are killed after 24 h. The toxicity of a compound against spider mites (*Tetranychus telarius*) is determined by spraying infected 15-in. high bean plants (*Phaseolus vulgaris*) drip wet with the compound being tested and then evaluating the plants after 24 and 48 h. and 8 days. Derivs. prepared similarly to II are tabulated. MePSF2 6.84°. R, R1, R2, b.p./mm., % yield, per os L.D.50 rats mg./kg., concentration for 100% kill, flies, aphids, spider mites; Me, Et, Et, 72°/2, 41, 50, --, 0.1, --; Me, piperidine, 78°/1, 62, 5, 0.001, --, --; Me, morpholine, 88°/1, 56, 25, --, --, 0.01; Me, pyrrolidine, 74 °/1, 62, 5\*, --, --, 0.01; Me, H, Me, 58°/1, 74, 25, 0.01, --, --; Me, ethyleneimine, 46°/3, 27, 50, --, 0.1, --; CH2:CH, Me, Me, 64°/1, 52, 10, 0.01, --, --; Et, ethyleneimine, 50°/3, 37, 50, \*\*, --, --; Et, piperidine, 85°/1, 80, 5\*, \*\*, --, --; Et, Me, Me, 53°/2, 84, 2.5, 0.01, --, --; Et, morpholine, 92°/1, 63, 10\*, 0.001, --, --; Et, Et, Et, 75°/2, 21, 25\*, --, --, 0.1; Et, pyrrolidine, 78°/1, 71, 5, --, --, 0.01; Et, H, Me, 60°/1, 67, 5, \*\*, --, --; CH2:CH, Et, Et, 74°/1, 12, 100, --, --, --; CH2:CH, pyrrolidine, 84°/1, 43, 10, --, --, 0.01; CH2:CH, piperidine, 88°/1, 33, 50, 0.01, --, --; CH2:CH, morpholine, 98°/1, 12, 100, --, --, --; \* per os LD95 to rats mg./kg.; \*\* 0.1% gives 100% kill of caterpillars.

L16 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1959:69226 Document No. 53:69226 Original Reference No. 53:12578a-d Pesticidal 2,2-dimercaptoacetamides. Willard, Joe R.; Henahan, John F. (Food Machinery and Chemical Corp.). US 2877152 19590310 (Unavailable). APPLICATION: US .

AB To an EtOH solution of 37.2 parts 0,0-di-Et hydrogen phosphorodithioate, 25% alc. KOH was added slowly to pH 6.0-6.5, maintaining the temperature <50°. To this solution, 15.6 parts Cl2CHCONMe2 was added. The mixture was refluxed for 2 hrs., the KCl filtered off, and the mixture concentrated

The

residue was washed with water, the water extracted with Et2O, and the combined organic phases dried over Na2SO4. Removal of Et2O gave 32.6 parts [(EtO)2P(:S)S]2CHCONMe2 (I), an opaque compound in the refractometer. The compound formulated as a wettable powder concentrate contained 25% I, 3% alkyl aryl polyether, and 72% fuller's earth. At 1250 p.p.m., an aqueous emulsion showed 100% kill of German roaches, two-spotted mites, Mexican bean beetles, and pea aphids, and 50% kill of Southern army worms. Several analogs were synthesized and their insecticidal, acaricidal, fungicidal, and nematocidal potencies studied. The substituents and properties of these compds. are (O-substituent, N-substituents, % yields and nD given): Me, Me, Me, 28, 1.5070; Et, Et, Et, 74, 1.5078; Et, iso-Bu, iso-Bu, 73, opaque liquid; Et, octyl, octyl, 75, opaque; Et, allyl, allyl, 84, 1.5090; Et, pentamethylene, 83, 1.5183; Et, ethyleneoxyethylene, 72, 1.5140; iso-Pr, Me, Me, 81, opaque; iso-Pr, allyl, allyl, 81, opaque; Bu, Et, Et, 84, opaque; and iso-Pr, Et, Et, 63, opaque.

L16 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1956:61919 Document No. 50:61919 Original Reference No. 50:11601a-d Basic phosphoric acid ester insecticides. Gatzi, Karl; Muller, Paul (J. R. Geigy A.-G.). US 2736726 19560228 (Unavailable). APPLICATION: US .

AB New phosphoric acid esters containing basic ester components, which are toxic to insects such as leaf aphids and red spiders in all stages of development, have the general formula RO(R'O)P(:S)XYA, in which R and R'

are alkyl radicals, + is S or O, A is dialkylamino, alkylenimino, or morpholino, and Y is an alkylene group containing 2-4 C atoms. These can be used as dusts, wettable powders, or sprays. Thus, 21 parts of the Na salt of 0,0-diethyl dithiophosphoric acid ester and 14 parts 2-diethylaminoethyl chloride in 200 parts by volume anhydrous acetone are stirred 3 hrs. at room temperature and then refluxed for 2 hrs. NaCl ppts., water is added, the solution is made alkaline, and the ether is extracted The extract

is washed and evaporated and the residue distilled to give S-(2-diethylaminoethyl) 0,0-diethyl dithiophosphoric acid ester, b0.2 108-9°. Treatment of diethylaminoethyl mercaptan with diethoxythiophosphoryl chloride in the presence of Na yields the same ester. Similarly, diethyl (2-dimethylaminoethyl) thiophosphoric acid ester, b12 126-9° and diethyl (4-diethylaminobutyl) thiophosphoric acid ester are prepared Also claimed are the following diethyl dithiophosphoric acid esters: S-(2-dimethylaminoethyl), b0.1 96-102°; S-(2-piperidinoethyl), b0.3 133-5°; and S-(2-morpholinoethyl), b0.2 140-2°; and the (2-diethylaminoethyl) diethyl thiophosphoric acid ester, b12 153-6°.

L16 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1953:16918 Document No. 47:16918 Original Reference No. 47:2922f-h Tests of some nitrogen-substituted anisamides and esters of anisic acid as insecticides. Bottger, G. T.; Yerington, A. P.; Gertler, S. I. (U.S. Dept. Agr., Washington, DC). Bur. Entomol. and Plant Quarantine (E-852), 10 pp. (Unavailable) 1952.

AB A number of compds. were tested as insecticides against 3 to 5 species of insects and 1 spider mite. Only 2 compds.

[N,N-diisopropylanisamide (I) and cyclohexyl anisate (II)] caused greater than 74% mortality to 1 or more species of insects in dust tests. These samples were effective only against the 2-spotted spider mite. I caused severe injury to foliage of bean and moderate injury to that of chard, collard, and squash. No apparent injury to foliage resulted from spray applications of II.

L16 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1951:17551 Document No. 45:17551 Original Reference No. 45:3111f-i,3112a-d Toxicity of certain synthetic organic compounds to the fruit-tree red spider mite. Eaton, J. K.; Davies, R. G. (East Malling Research Sta., Kent, UK). Annals of Applied Biology, 37, 471-89 (Unavailable) 1950. CODEN: AABIAV. ISSN: 0003-4746.

AB cf. Ann. Rept. East Malling Research Sta., Kent 1947, 43(1948); C.A. 42, 5156h; 44, 9613f. Representatives of 3 classes of organic compds. were tested against summer eggs and adult females of *Metatetranychus ulmi* (= *Paratetranychus pilosus*). Class 1 included biphenyl, 4,4'-diaminobiphenyl, 2,2',4,4'-tetranitrobiphenyl, diphenylmethane, benzophenone, benzhydrol, 1,1-diphenylethane, bis(p-chlorophenyl)methyl carbinol, 2,2-diphenyl-1,1,1-trichloroethane, DDT, bibenzyl, benzil, benzoin, stilbene, dibenzoylmethane, dibenzyl ketone, Ph styryl ketone,  $\alpha,\gamma$ -diphenylglycerol, dibenzyl ether, benzyl benzoate, di-Ph carbonate, bis(p-chlorophenoxy)methane di-Ph sulfone, p-chlorophenyl Ph sulfone, bis(p-chlorophenyl) sulfone, bis(m-aminophenyl) sulfone, p-chlorophenyl p-tolyl sulfone, 2,4-dinitrophenyl p-tolyl sulfone, bis(2-hydroxy-5-methylphenyl) sulfone, bis(3-chloro-4-hydroxyphenyl) sulfone, bis(5-chloro-2-hydroxyphenyl) sulfone, bis(4-hydroxy-2-methylphenyl) sulfone, bis(4-hydroxy-3-methylphenyl) sulfone, Ph sulfide,

Ph disulfide, azobenzene, 4-chloroazobenzene, 4,4'-dichloroazobenzene, 4-methylazobenzene, 4,4'-dimethylazobenzene, 3,3'-dimethylazobenzene, p-phenylazophenol, p-phenylazoaniline, 1-(phenylazo)piperidine, phenylazo-o-cresol, diazoaminobenzene, hydrazobenzene, azoxybenzene, diphenylamine, N-nitrosodiphenylamine, 9-nitrosocarbazole, and dibenzylamine. Class 2 consisted of the following thiocyanates: sec-hexyl, sec-heptyl, sec-octyl, sec-nonyl, sec-decyl, sec-hendecyl, sec-dodecyl, tert-Bu, n-dodecyl, n-alkyl (C12-C13), hexadecyl, and 2-(2-butoxyethoxy)ethyl. Class 3: Disulfides of dimethylthiuram, tetramethylthiuram, tetraethylthiuram, N,N-di-Ph N,N-dimethylthiuram, N,N-di-Ph N,N-diethylthiuram, and dicyclopentamethylenethiuram, monosulfides of tetramethylthiuram and dicyclopentamethylenethiuram, dicyclopentamethylenethiuram hexasulfide, benzylamine salt with benzylidithiocarbamate, diethylamine salt with diethyldithiocarbamate, Bu sulfide, Bu disulfide, 1-butanethiol, and thiophenol. The following materials were also tested on the winter eggs of this mite: spindle-type petroleum oil, dodecyl thiocyanate, azoxybenzene, dicyclohexylamine salt with 4,6-dinitro-2-cyclohexylphenate, benzaldehyde, phenylhydrazine, p-phenylazoaniline, azobenzene, hydrazobenzene, and p-phenylazophenol. Only azoxybenzene and dodecyl thiocyanate were appreciably toxic to winter and summer eggs and adult mites. Comps. which showed superior effectiveness against both summer eggs and mites were bis(p-chlorophenyl)methyl carbinol and 4-chloroazobenzene; highly ovicidal were di-Ph sulfone, p-chlorophenyl Ph sulfone, azobenzene, and hydrazobenzene. Against adult female mites the C12-C13 alkyl thiocyanates and sec-dodecyl thiocyanate were outstanding. Among comps. with 2 benzene nuclei connected by bridging groups, toxicity to summer mite stages is influenced by alterations of the bridging group and by substitution in the benzene nuclei. Maximum toxicity is associated with substitution of Cl in the para position of one nucleus, and with comps. of this type which have unsubstituted nuclei. Successive elimination of Cl atoms from the trichloroethane portion of the DDT mol. does not always cause a progressive increase of acaricidal activity (cf. Metcalf, C.A. 43, 3137e). 20 refs.

L16 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1949:39905 Document No. 43:39905 Original Reference No. 43:7181h-i,7182a-b N-Substituted m-nitrobenzamides as insecticides. Bottger, G. T.; Gertler, S. I. Bur. Entomol. and Plant Quarantine, E-773, 9 pp. (Unavailable) 1949.

AB Nineteen synthetic organic comps. prepared by reaction of m-nitrobenzoyl chloride with amines were tested as dusts against 3 or more species of leaf-feeding insects and in some cases as stomach and contact poisons. The most toxic materials tested as 50% dusts included N-butyl-m-nitrobenzamide (I), N-isobutyl-m-nitrobenzamide (II), N-sec-butyl-m-nitrobenzamide (III), N,N-diisopropyl-m-nitrobenzamide (IV), and m-nitrobenzoic acid 2-phenylhydrazine (V). N,N-Dimethyl-m-nitrobenzamide, N-isopropyl-m-nitrobenzamide (VI), N-methyl-m-nitrobenzamide, 1-(m-nitrobenzoyl)piperidine, and m-nitro-N-propylbenzamide were toxic to 1 or more species of insects fed foliage treated with 25% dusts. The 2nd of these 5 was the only material that showed any appreciable toxicity to any insect other than the melon-worm. At 5% concentration IV was effective against the pea aphid and the black citrus aphid but not against the celery leaf tier. The 1% dust was ineffective against the pea aphid, and the 3% dusts were toxic to all stages of the 2-spotted spider mite. Dusts of V (5%) were effective against the black citrus

aphid, but showed no appreciable toxicity to either the celery leaf tier or the pea aphid. Both of these materials were less toxic than the standard insecticides. Phytotoxicity tests showed that I and III caused slight injury to pumpkin and turnip plants and moderate injury to Swiss chard while IV, VI, II, and V did not cause any noticeable injury to the foliage of bean, beet, cabbage, Swiss chard, collard, pea, corn, turnip, and pumpkin.

L16 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

1949:9053 Document No. 43:9053 Original Reference No. 43:1902h-i,1903a-d (3,4-Methylenedioxyphenyl)propylene compound. Prill, Edward A. (Boyce Thompson Institute for Plant Research, Inc.). US 2456991 19481221 (Unavailable). APPLICATION: US .

AB Comps. covered by this patent are insecticides when used alone, or are synergists with other insecticides, such as pyrethrins or rotenoids. These comps. have the general formula 3,4-(CH2O2)C6H3(CH2)3SCHRCONR1R2, where R is H, Me, or Et, R1 and R2 each may be alkyl, alkenyl, cycloalkyl, or aralkyl, R1 may be H, or R1 and R2 together may be a single bivalent alkyl radical or a bivalent alkyl radical interrupted by ethereal O. 3,4-(CH2O2)C6H3(CH2)3SCH2CO2H (I), m. 71°, neutral equivalent 252.5 (theor. 254.3), was made by heating 81 g. safrole and 46 g. mercaptoacetic acid (II). Ascaridole was the catalyst. The mixture was held at 100° for 48 h. The crude preparation was neutralized with aqueous NaOH; H2O-soluble oil was removed and I precipitated with HCl with a yield of 110 g.

I may be recrystd. from a mixture of Et2O and low-boiling petr. ether. In a similar way 81 g. isosafrole and 46 g. II were heated together to make 3,4-(CH2O2)C6H3CH2CHMeSCH2CO2H (III) distilled at 208-212° under 2 mm. Hg. and had a neutralization equivalent 260. Similar comps. may be prepared with 1-mercaptopropionic acid or 1-mercaptobutyric acid. Various N-substituted amides may be prepared from I or III by making the intermediary acid chlorides, then treating these with an excess of the desired amine. Amides made from I, m.ps. given: N-Et 61°, N-Bu, 50°, N-iso-Bu 47°, N-allyl 74°, N-cyclohexyl (IV) 85°, N-benzyl 82°. The N,N-di-Et, the N,N-di-Pr, the N,N-diisopropyl, the N,N-di-Bu, the N,N-diamyl, and N,N-dicyclohexyl amide (V), the piperidide (VI), and the morpholide of I were liqs. Amides derived from III, m.ps. given: N-Bu 62°, N-iso-Bu 74°, N-cyclohexyl 100°, N-benzyl 85°. The N,N-di-Et, N,N-di-Pr, N,N-diisopropyl, N,N-di-Bu (VII), and N,N-diamyl amide, and the piperidide and the morpholide of III are liqs. The liqs. were soluble in petroleum distillates. Comps. IV and VI killed 99% of Aphis rumicis when it was used as a 0.1% emulsion (10 mL. acetone + 90 mL. of Na dodecyl sulfate). Compound IV at a concentration of 0.1% in this emulsion killed 100% of pea aphids

and 100% of thrips feeding on chicory. Compound VI killed 49% of the red-spider mite on bush bean. Comps. V and VII were repellents for the Mexican bean beetle. Comps. of these series were toxic to the house fly.

=> s red mite

431350 RED

533 REDS

431622 RED

(RED OR REDS)

Print selected from 10599388.trn

9312 MITE  
6784 MITES  
12288 MITE  
(MITE OR MITES)  
L18 832 RED MITE  
(RED(W)MITE)

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008  
L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1  
L4 672 S L1 FULL

FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008  
L5 38 S L4

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008  
L6 508978 S PIPERIDINE  
L7 2485 S L6 AND PYRIDINE

FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008  
L8 28921 S L7  
L9 226 S L8 AND AGR/RL  
L10 832 S RED MITE  
L11 311 S ARMY WORM  
L12 ANALYZE L11 311 DT : 1 TERM  
L13 16 S L11 AND KILLED  
L14 1 S L11 AND PIPERIDINE  
L15 3044 S SPIDER MITE  
L16 15 S L15 AND PIPERIDINE  
L17 ANALYZE L16 15 DT : 1 TERM  
L18 832 S RED MITE

=> s l18 and piperidine  
61679 PIPERIDINE  
3632 PIPERIDINES  
62626 PIPERIDINE  
(PIPERIDINE OR PIPERIDINES)  
L19 3 L18 AND PIPERIDINE

=> s l19 not l16  
L20 1 L19 NOT L16

=> d scan

L20 1 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN  
CC 10 (Organic Chemistry)  
TI 2-Aminoindans

Print selected from 10599388.trn

IT Pharmaceuticals  
(2-aminoindan derivs. and related compds.)  
IT Ketones  
(alkenyl aryl)  
IT Insecticides  
(alkenyl aryl ketones)  
IT Aphis fabae and(or) Bean aphid  
Metatetranychus citri and(or) Citrus red mite  
(control of, by alkenyl aryl ketones)  
IT Coccus pseudomagnoliarum and(or) Citricola scale  
(control with alkenyl aryl ketones)  
IT Catalysts  
(in hydrogenation, of 2-isonitroso-3-indanone derivs., Ni)  
IT 1779-10-8 71400-82-3  
(Derived from data in the 6th Collective Formula Index (1957-1961))  
IT 101089-55-8, 1-Indanol, 2-amino-3-phenyl-  
(and salts)  
IT 7440-02-0, Nickel  
(catalysts, in hydrogenation of 2-isonitroso-3-indanone derivs.)  
IT 80-15-9, Hydroperoxide,  $\alpha,\alpha$ -dimethylbenzyl 31254-12-3,  
Hydroperoxide, 1,1-di-p-tolylethyl  
(decomposition of)  
IT 2975-41-9, 2-Indanamine  
(derivs. and related compds.)  
IT 67-64-1P, Acetone 108-95-2P, Phenol  
RL: PREP (Preparation)  
(manufacture of)  
IT 122-00-9P, Acetophenone, 4'-methyl- 24273-37-8P, 1,2-Indandione,  
3-phenyl-, 2-oxime 24306-27-2P, 1,2-Indandione, 3-methyl-3-phenyl-,  
2-oxime 79314-38-8P, 1-Indanol, 2-amino-3-methyl-, hydrochloride  
84478-20-6P, 1-Indanone, 2-amino-3-phenyl-, hydrochloride 100368-92-1P,  
1-Indanol, 2-dimethylamino-3-methyl-, hydrochloride 101292-79-9P,  
1-Indanol, 2-methylamino-3-phenyl-, hydrochloride 101292-80-2P,  
1-Indanol, 2-methylamino-3-phenyl- 101583-86-2P, 1-Indanol,  
2-dimethylamino-3-phenyl-, hydrochloride 102548-94-7P, 1-Indanol,  
2-benzylideneamino-3-phenyl- 102560-66-7P, 1-Indanol,  
2-(benzylmethylamino)-3-phenyl-, hydrochloride 109309-73-1P, 1-Indanol,  
3-phenyl-2-piperidino-, hydrochloride 110332-78-0P, 1-Indanol,  
2-benzylamino-3-phenyl- 120579-56-8P, Tartaric acid, compound with  
2-amino-3-phenyl-1-indanol 878793-53-4P, 1-Indanol, 2-amino-3-methyl-3-  
phenyl-, hydrochloride  
RL: PREP (Preparation)  
(preparation of)

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 18:47:07 ON 12 MAR 2008)

FILE 'REGISTRY' ENTERED AT 18:47:19 ON 12 MAR 2008  
L1 STRUCTURE UPLOADED  
L2 QUE L1  
L3 12 S L1  
L4 672 S L1 FULL

Print selected from 10599388.trn

FILE 'CAPLUS' ENTERED AT 18:49:39 ON 12 MAR 2008  
L5 38 S L4

FILE 'HOME' ENTERED AT 18:51:01 ON 12 MAR 2008

FILE 'STNGUIDE' ENTERED AT 18:51:04 ON 12 MAR 2008

FILE 'REGISTRY' ENTERED AT 18:59:22 ON 12 MAR 2008  
L6 508978 S PIPERIDINE  
L7 2485 S L6 AND PYRIDINE

FILE 'CAPLUS' ENTERED AT 18:59:48 ON 12 MAR 2008  
L8 28921 S L7  
L9 226 S L8 AND AGR/RL  
L10 832 S RED MITE  
L11 311 S ARMY WORM  
L12 ANALYZE L11 311 DT : 1 TERM  
L13 16 S L11 AND KILLED  
L14 1 S L11 AND PIPERIDINE  
L15 3044 S SPIDER MITE  
L16 15 S L15 AND PIPERIDINE  
L17 ANALYZE L16 15 DT : 1 TERM  
L18 832 S RED MITE  
L19 3 S L18 AND PIPERIDINE  
L20 1 S L19 NOT L16

=> analyze 110